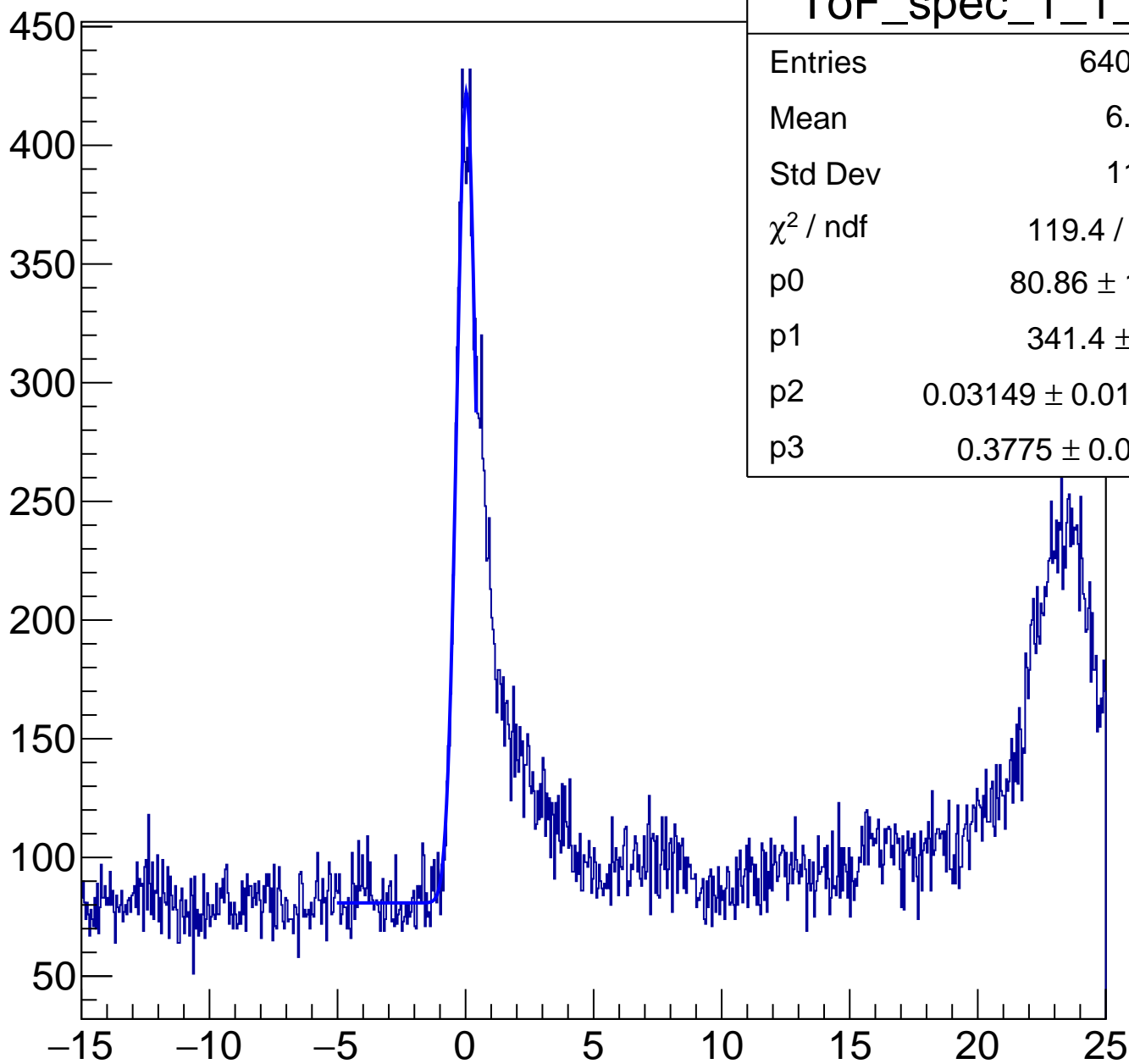
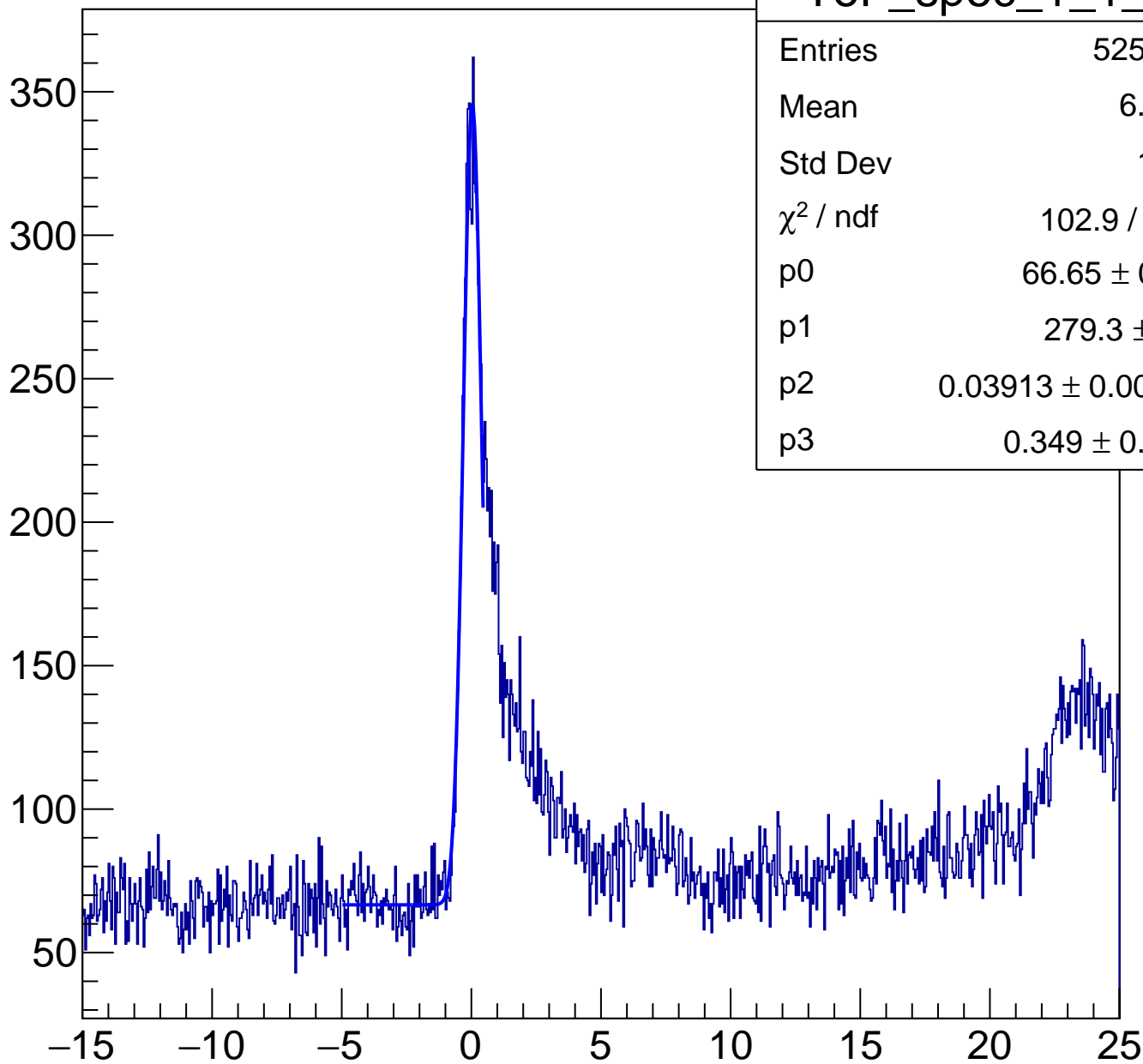




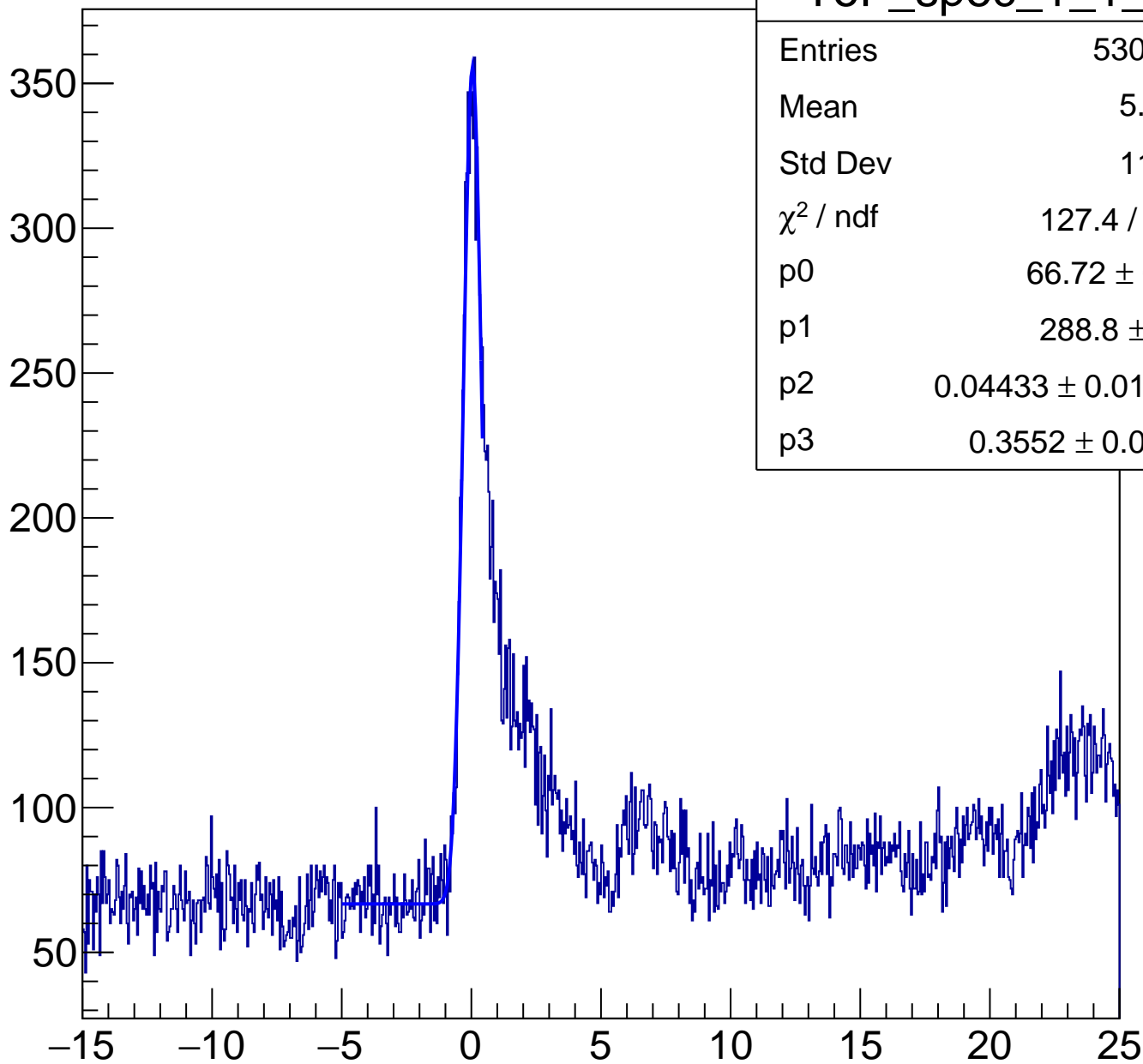
# ToF\_spec\_1\_1\_1



# ToF\_spec\_1\_1\_2



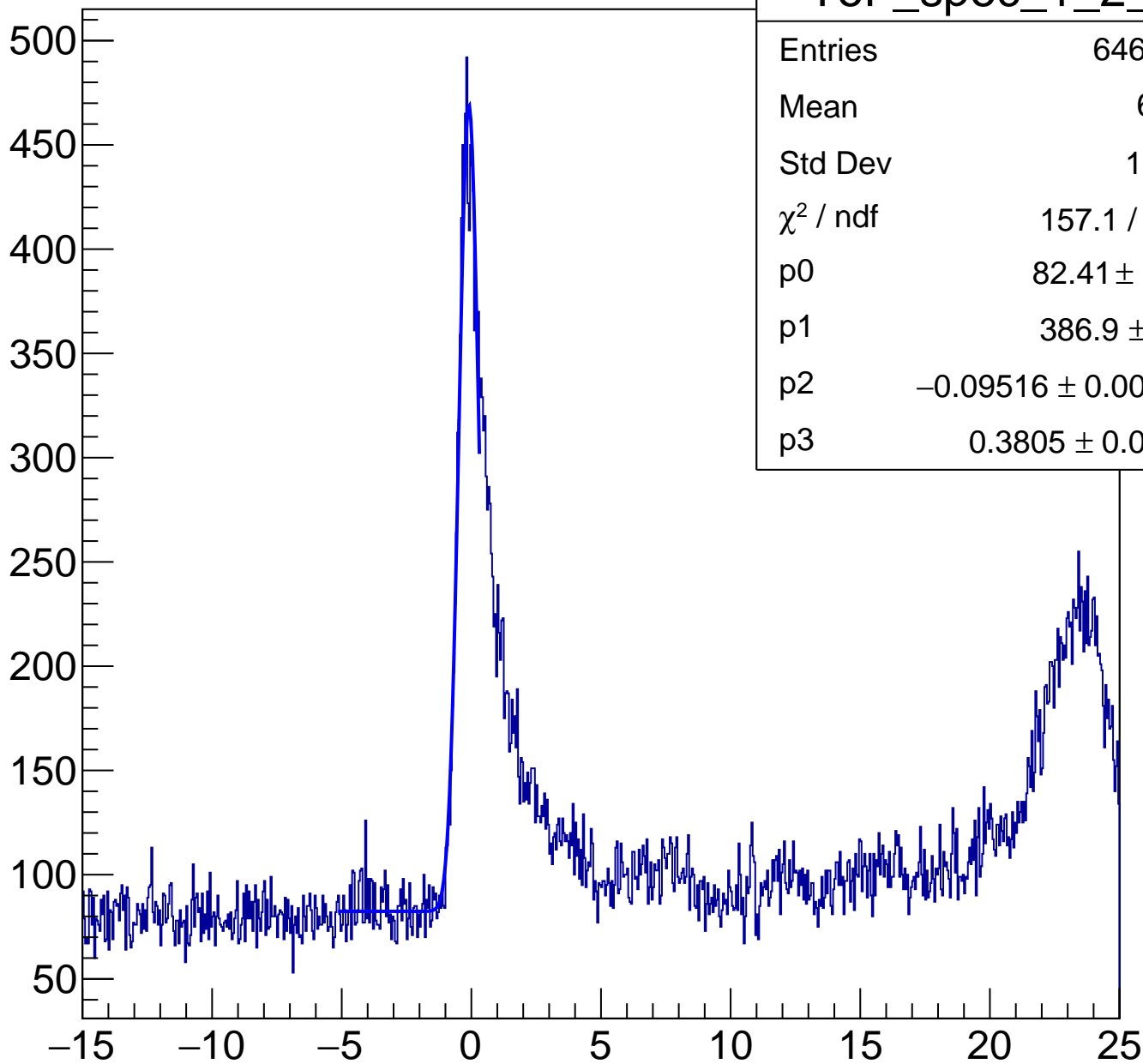
# ToF\_spec\_1\_1\_3



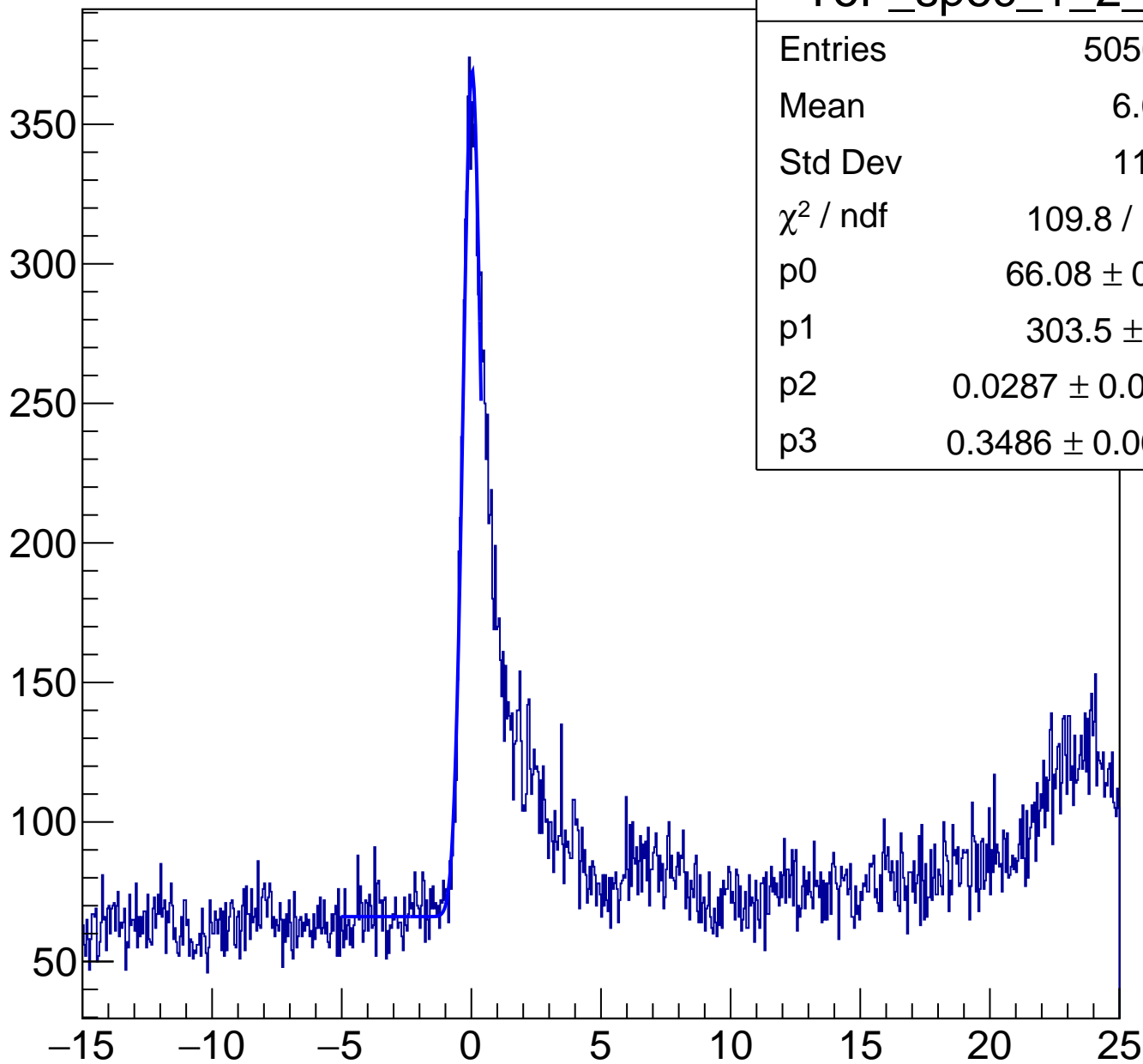
ToF\_spec\_1\_1\_3

Entries	530979
Mean	5.929
Std Dev	11.14
$\chi^2 / \text{ndf}$	127.4 / 105
p0	$66.72 \pm 0.91$
p1	$288.8 \pm 6.2$
p2	$0.04433 \pm 0.01065$
p3	$0.3552 \pm 0.0097$

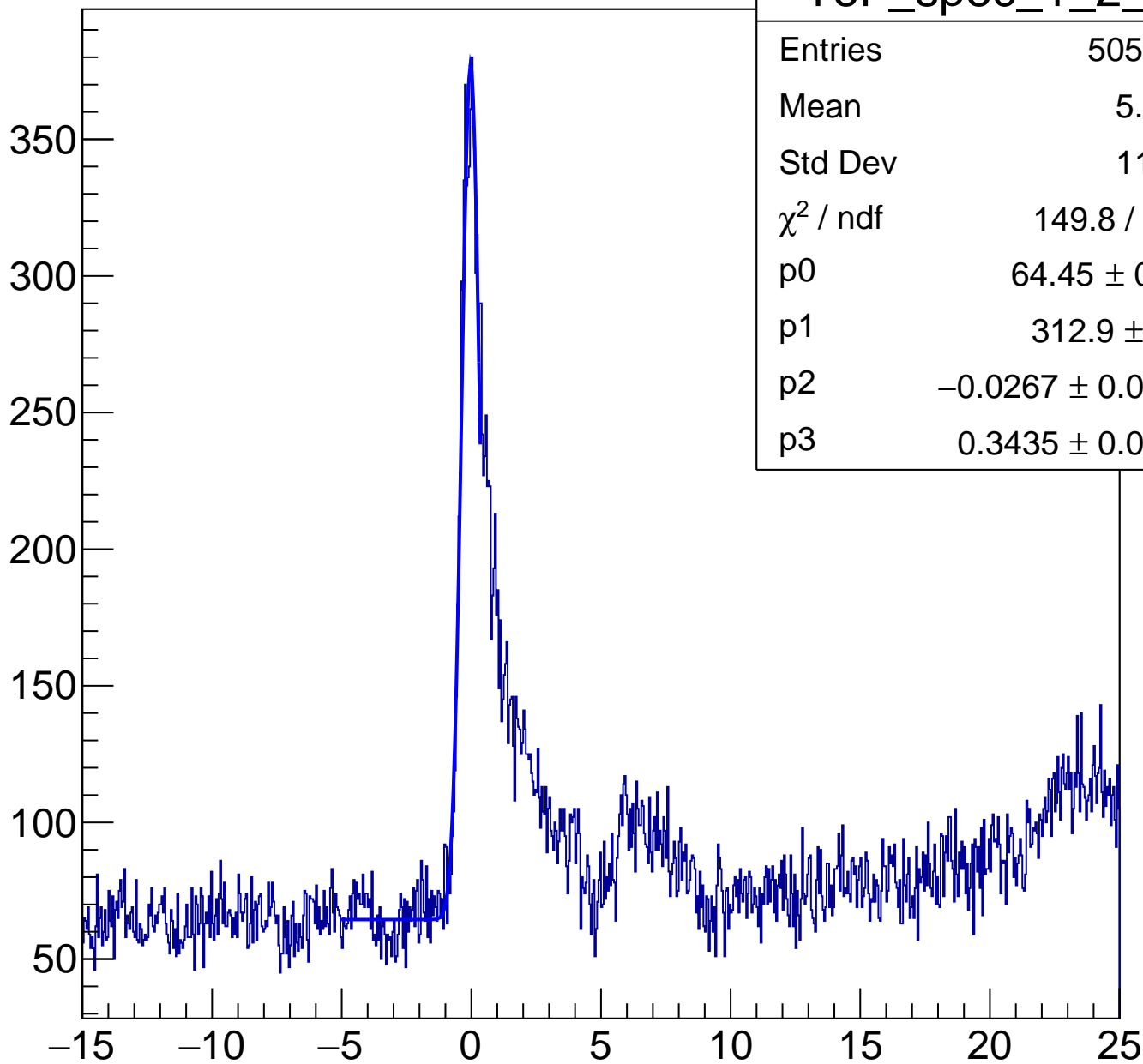
# ToF\_spec\_1\_2\_1



# ToF\_spec\_1\_2\_2



# ToF\_spec\_1\_2\_3



ToF_spec_1_2_3	
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Entries	505350
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Mean	5.876
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Std Dev	11.04
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$\chi^2 / \text{ndf}$	149.8 / 105
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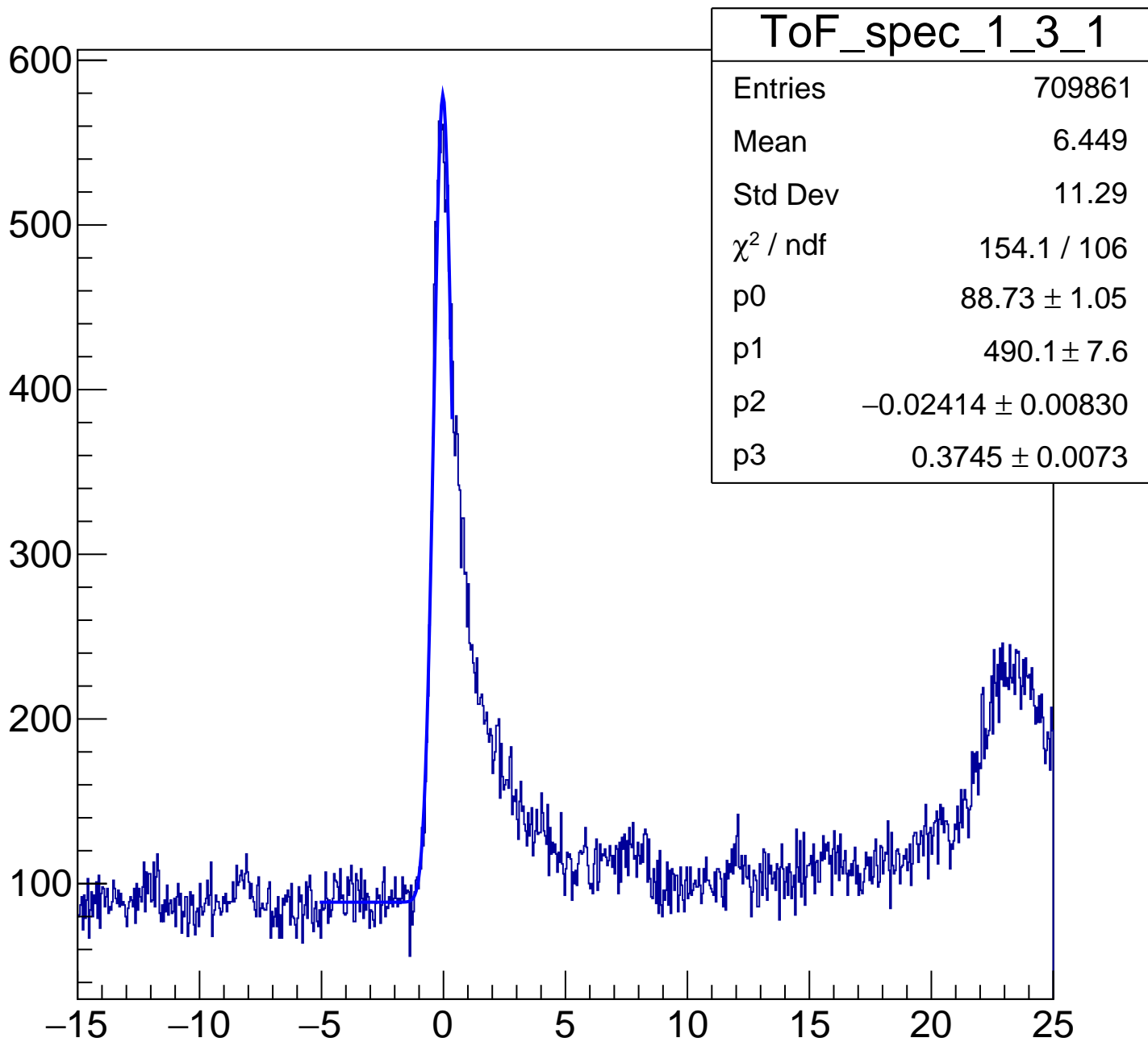
p0	$64.45 \pm 0.88$
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p1	$312.9 \pm 6.4$
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p2	$-0.0267 \pm 0.0104$
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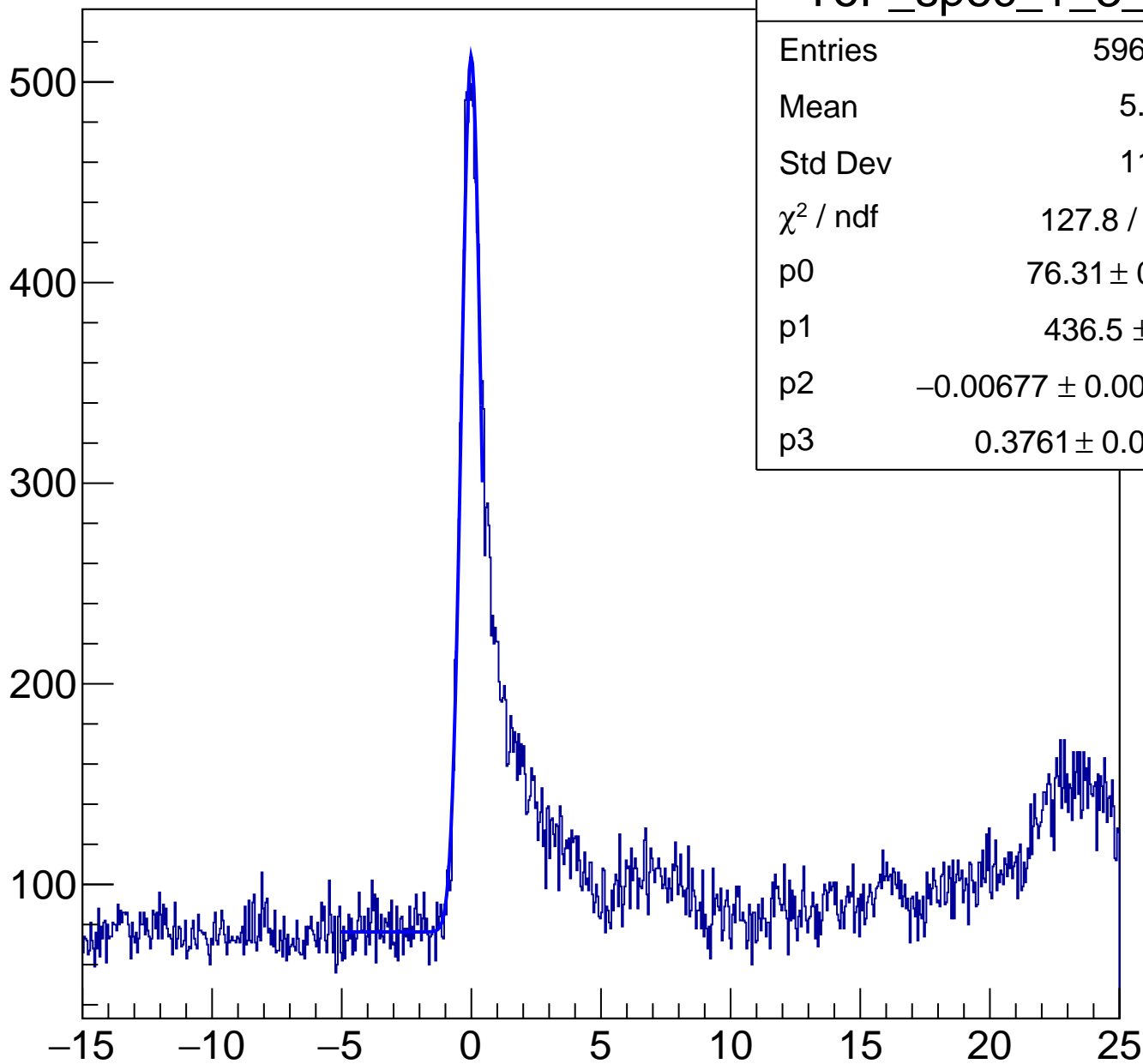
p3	$0.3435 \pm 0.0090$
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# ToF\_spec\_1\_3\_1





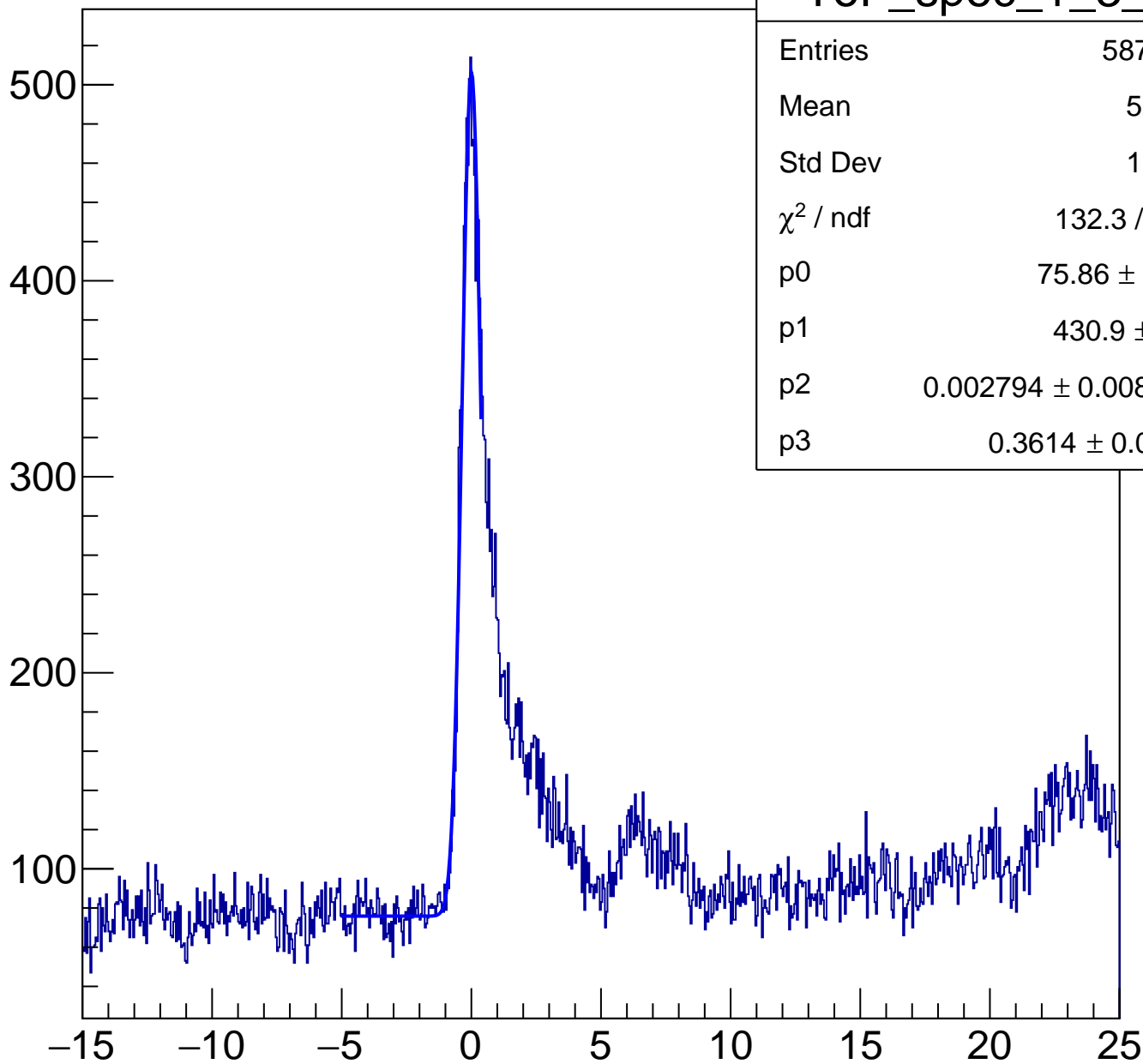
# ToF\_spec\_1\_3\_2



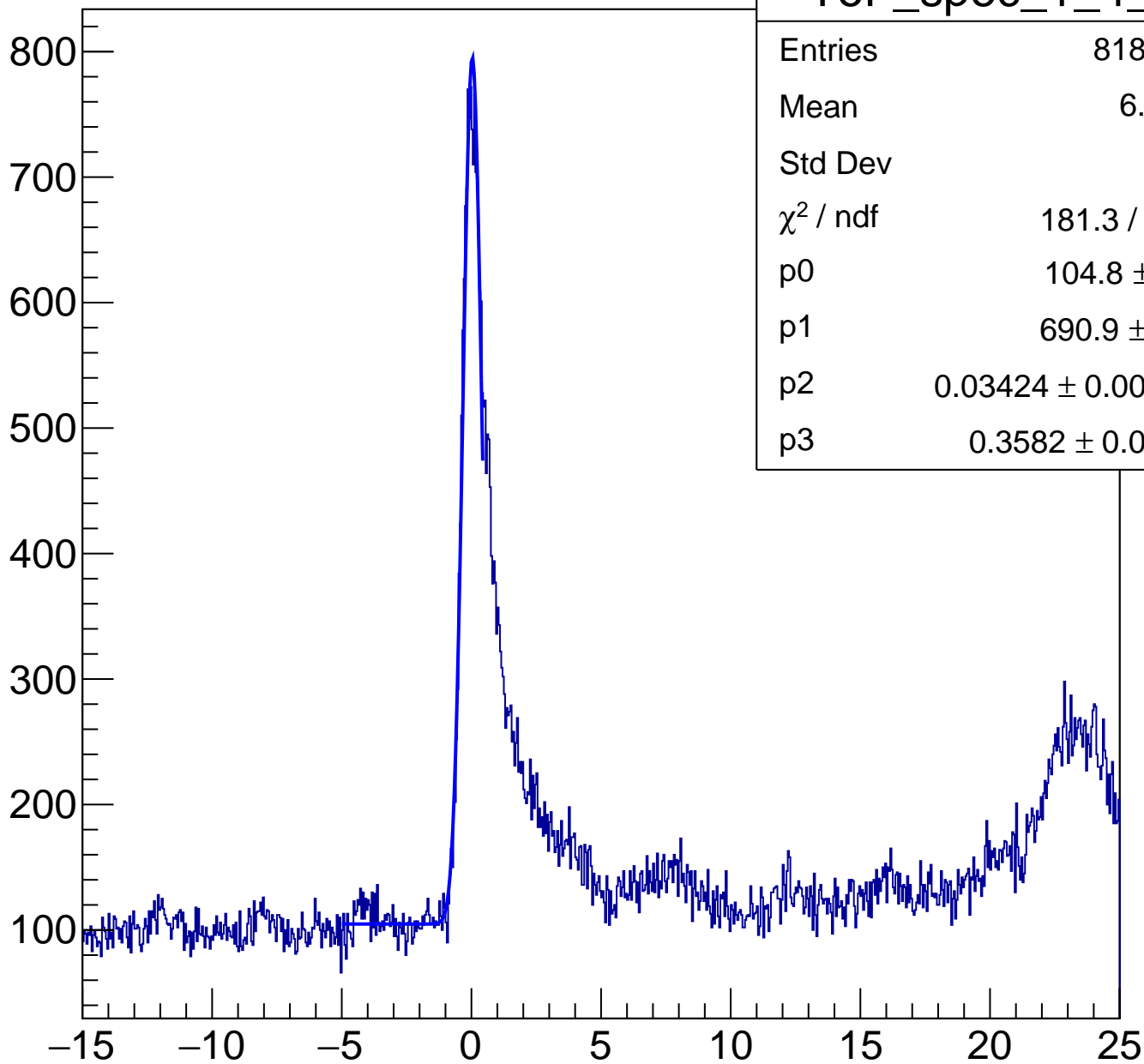
ToF\_spec\_1\_3\_2

Entries	596869
Mean	5.959
Std Dev	11.07
$\chi^2 / \text{ndf}$	127.8 / 106
p0	$76.31 \pm 0.98$
p1	$436.5 \pm 7.1$
p2	$-0.00677 \pm 0.00808$
p3	$0.3761 \pm 0.0073$

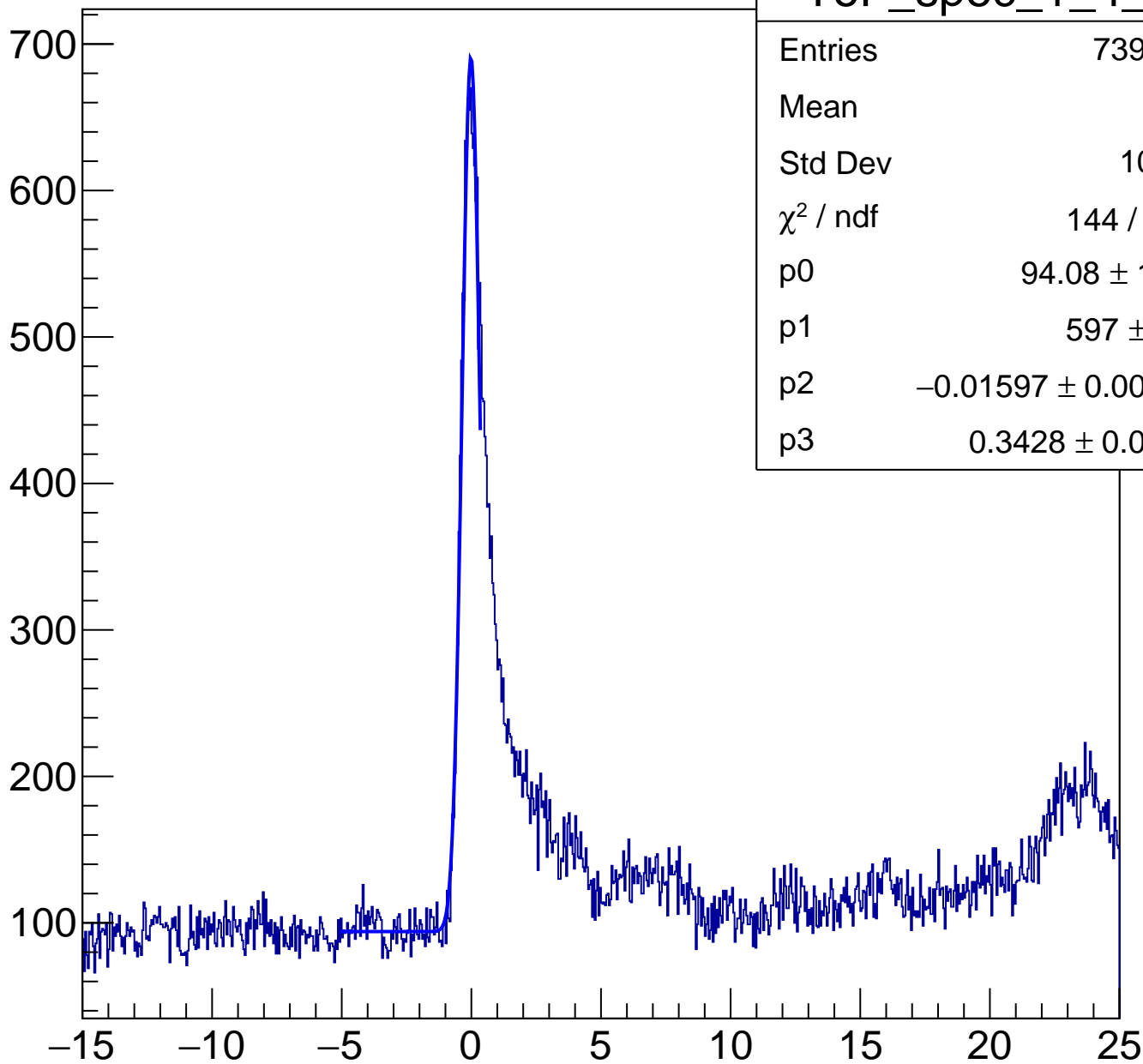
# ToF\_spec\_1\_3\_3



# ToF\_spec\_1\_4\_1



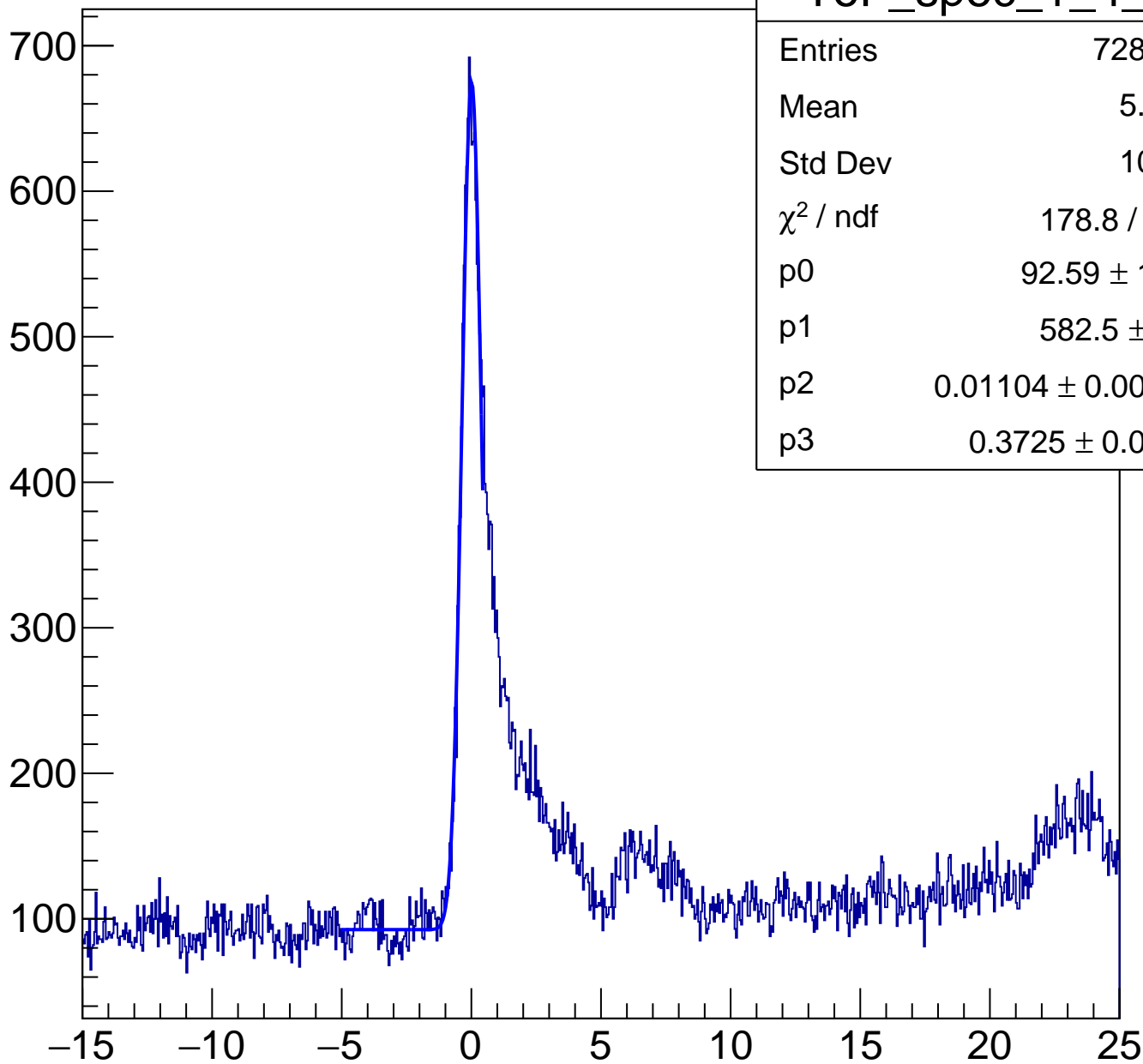
# ToF\_spec\_1\_4\_2



ToF\_spec\_1\_4\_2

Entries	739719
Mean	5.91
Std Dev	10.95
$\chi^2$ / ndf	144 / 105
p0	$94.08 \pm 1.07$
p1	$597 \pm 8.5$
p2	$-0.01597 \pm 0.00747$
p3	$0.3428 \pm 0.0062$

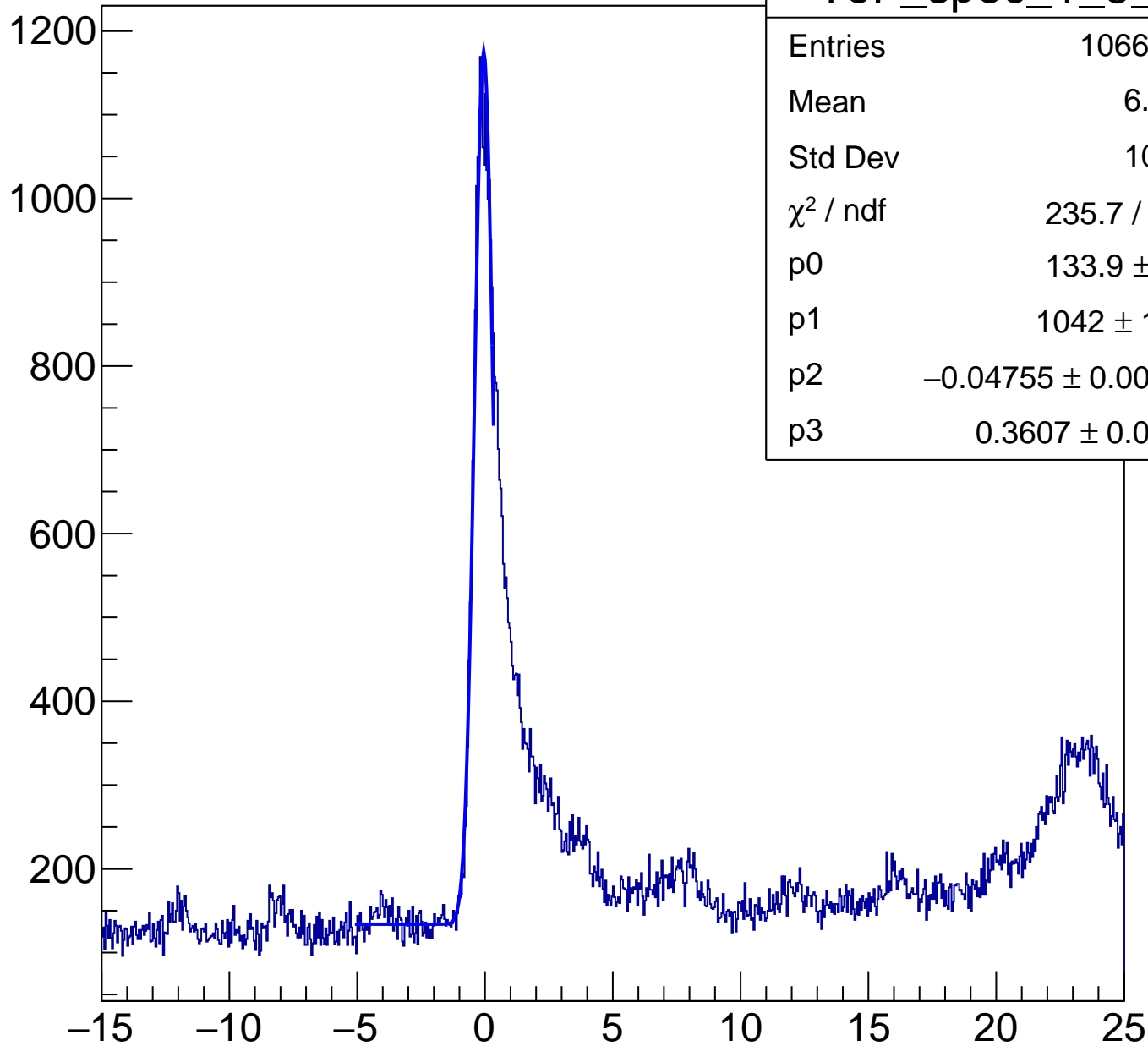
# ToF\_spec\_1\_4\_3



ToF\_spec\_1\_4\_3

Entries	728722
Mean	5.686
Std Dev	10.83
$\chi^2 / \text{ndf}$	178.8 / 106
p0	$92.59 \pm 1.07$
p1	$582.5 \pm 8.3$
p2	$0.01104 \pm 0.00709$
p3	$0.3725 \pm 0.0066$

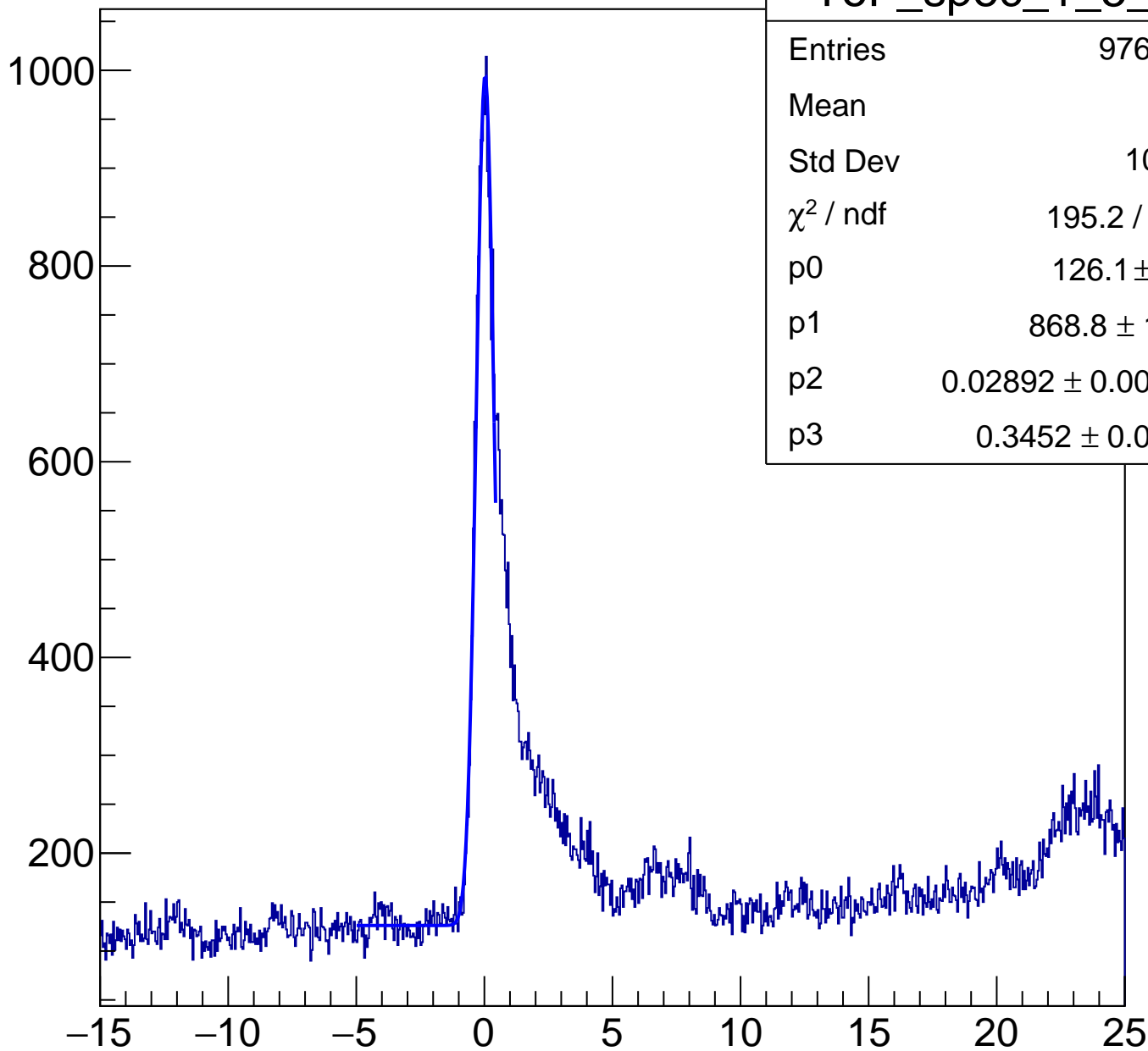
# ToF\_spec\_1\_5\_1



ToF\_spec\_1\_5\_1

Entries	1066614
Mean	6.229
Std Dev	10.95
$\chi^2 / \text{ndf}$	235.7 / 105
p0	$133.9 \pm 1.3$
p1	$1042 \pm 10.8$
p2	$-0.04755 \pm 0.00558$
p3	$0.3607 \pm 0.0046$

# ToF\_spec\_1\_5\_2



ToF\_spec\_1\_5\_2

Entries 976173

Mean 5.9

Std Dev 10.84

$\chi^2 / \text{ndf}$  195.2 / 105

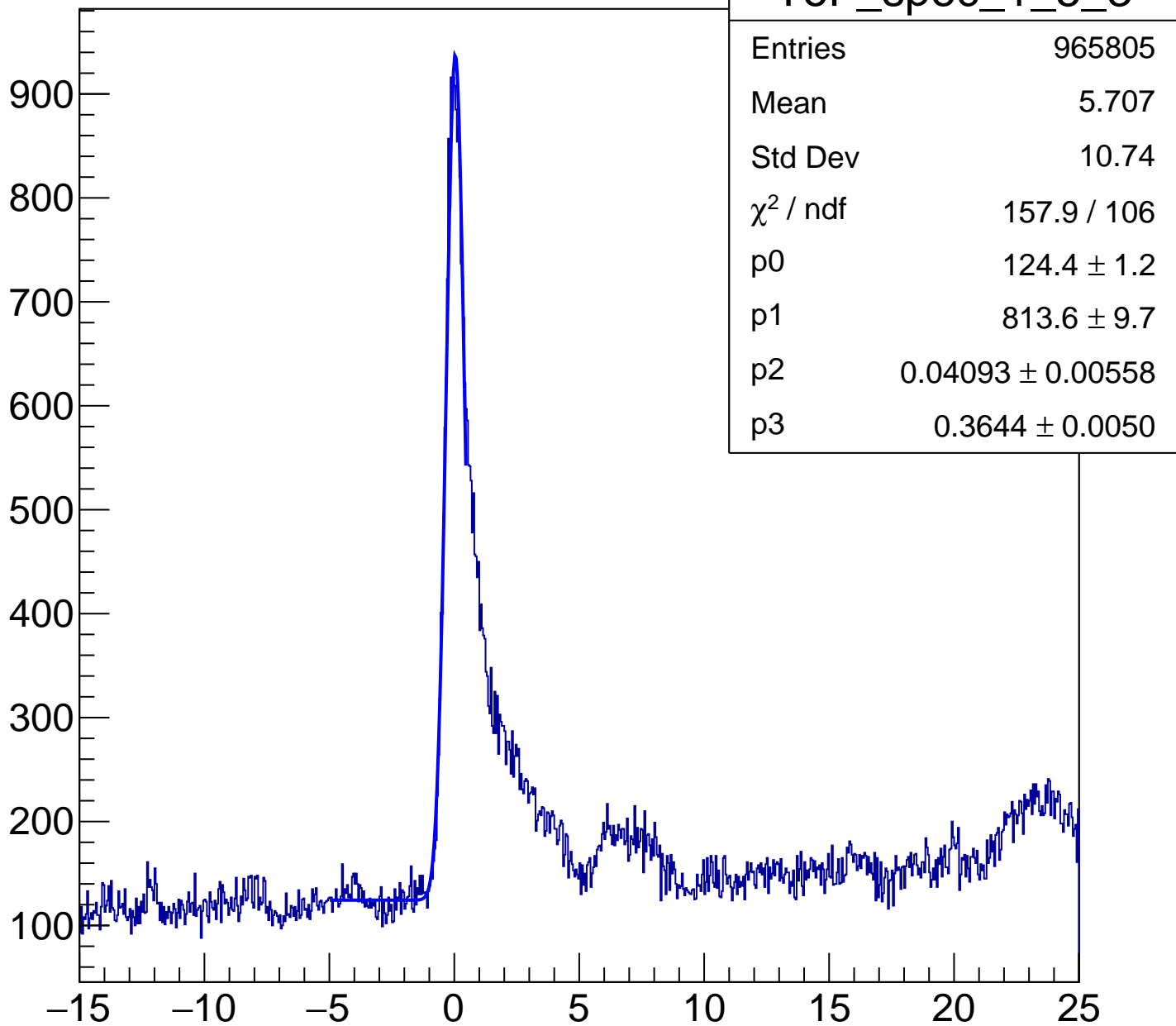
p0  $126.1 \pm 1.2$

p1  $868.8 \pm 10.3$

p2  $0.02892 \pm 0.00540$

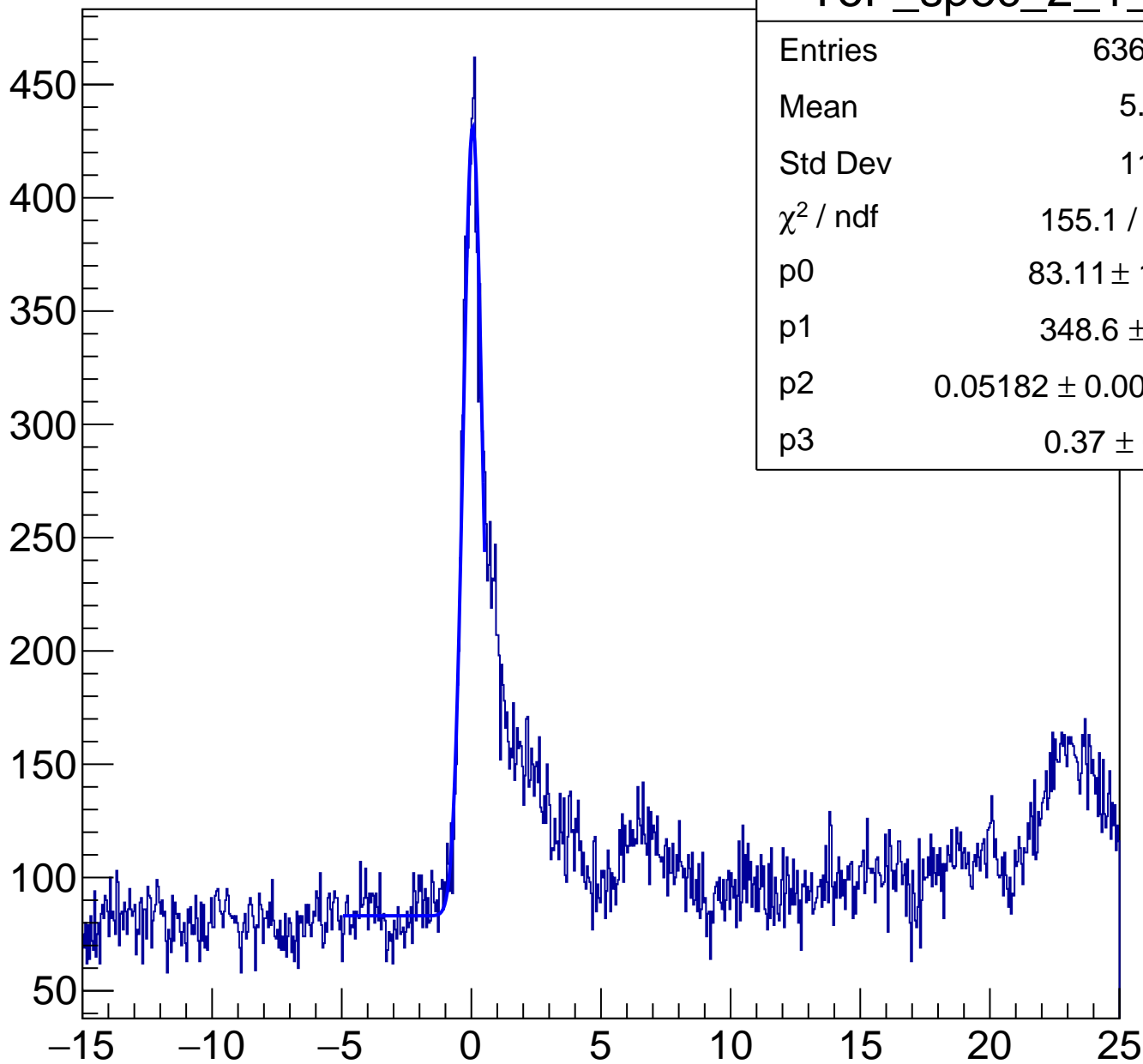
p3  $0.3452 \pm 0.0048$

# ToF\_spec\_1\_5\_3





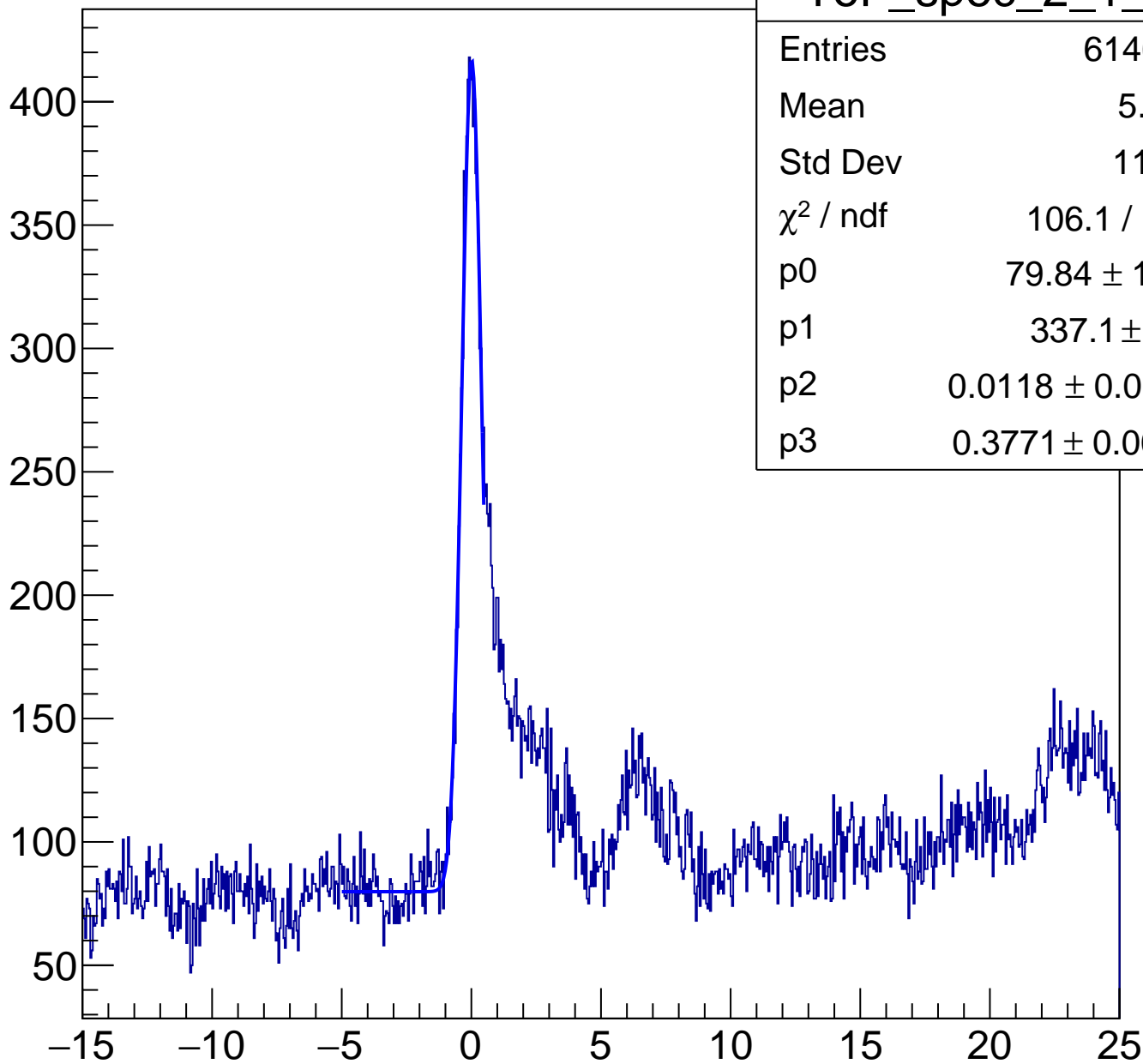
# ToF\_spec\_2\_1\_1



ToF\_spec\_2\_1\_1

Entries	636516
Mean	5.979
Std Dev	11.12
$\chi^2 / \text{ndf}$	155.1 / 107
p0	$83.11 \pm 1.02$
p1	$348.6 \pm 6.7$
p2	$0.05182 \pm 0.00855$
p3	$0.37 \pm 0.01$

# ToF\_spec\_2\_1\_2



ToF\_spec\_2\_1\_2

Entries 614613

Mean 5.921

Std Dev 11.07

$\chi^2 / \text{ndf}$  106.1 / 107

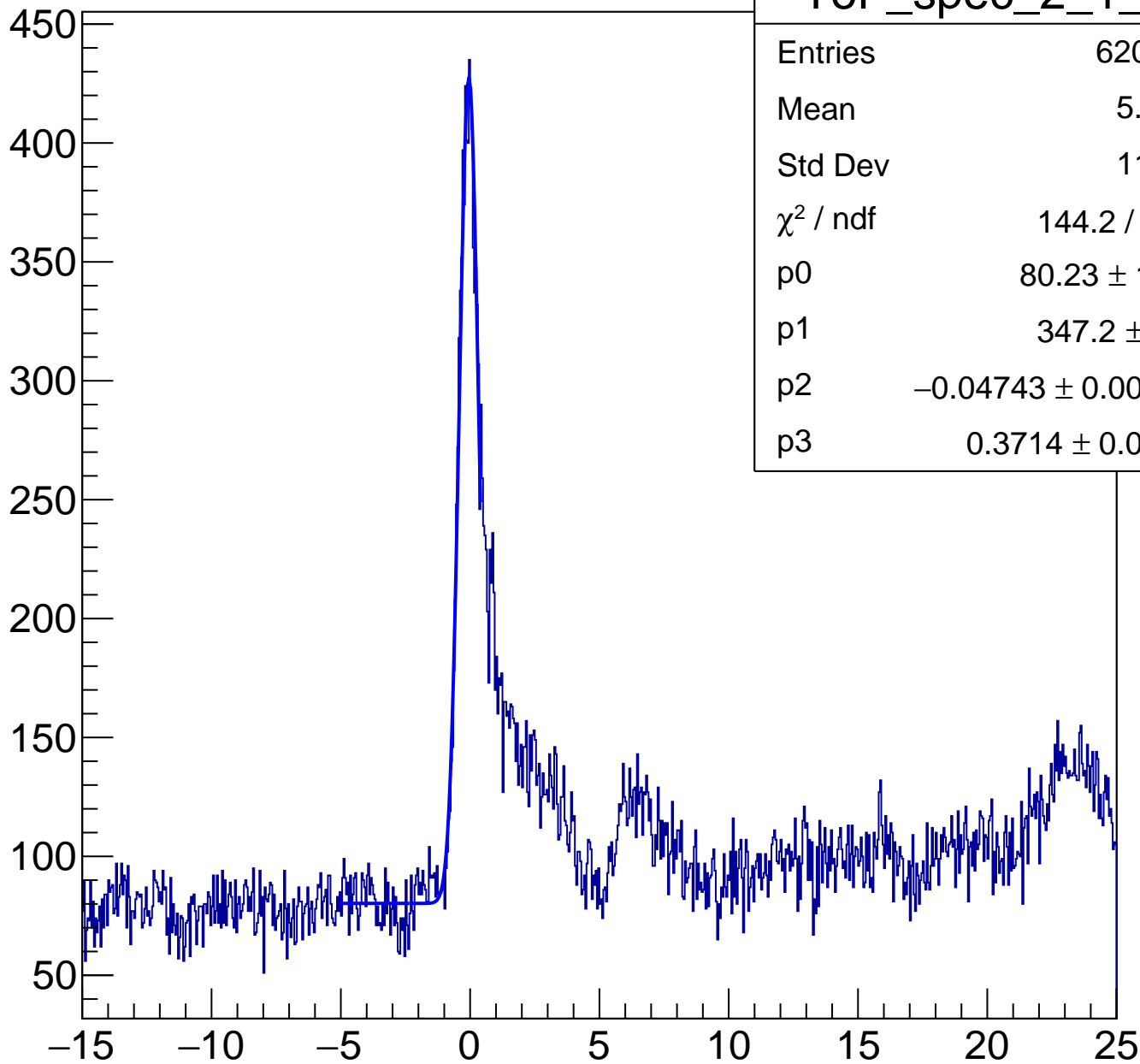
p0  $79.84 \pm 1.00$

p1  $337.1 \pm 6.6$

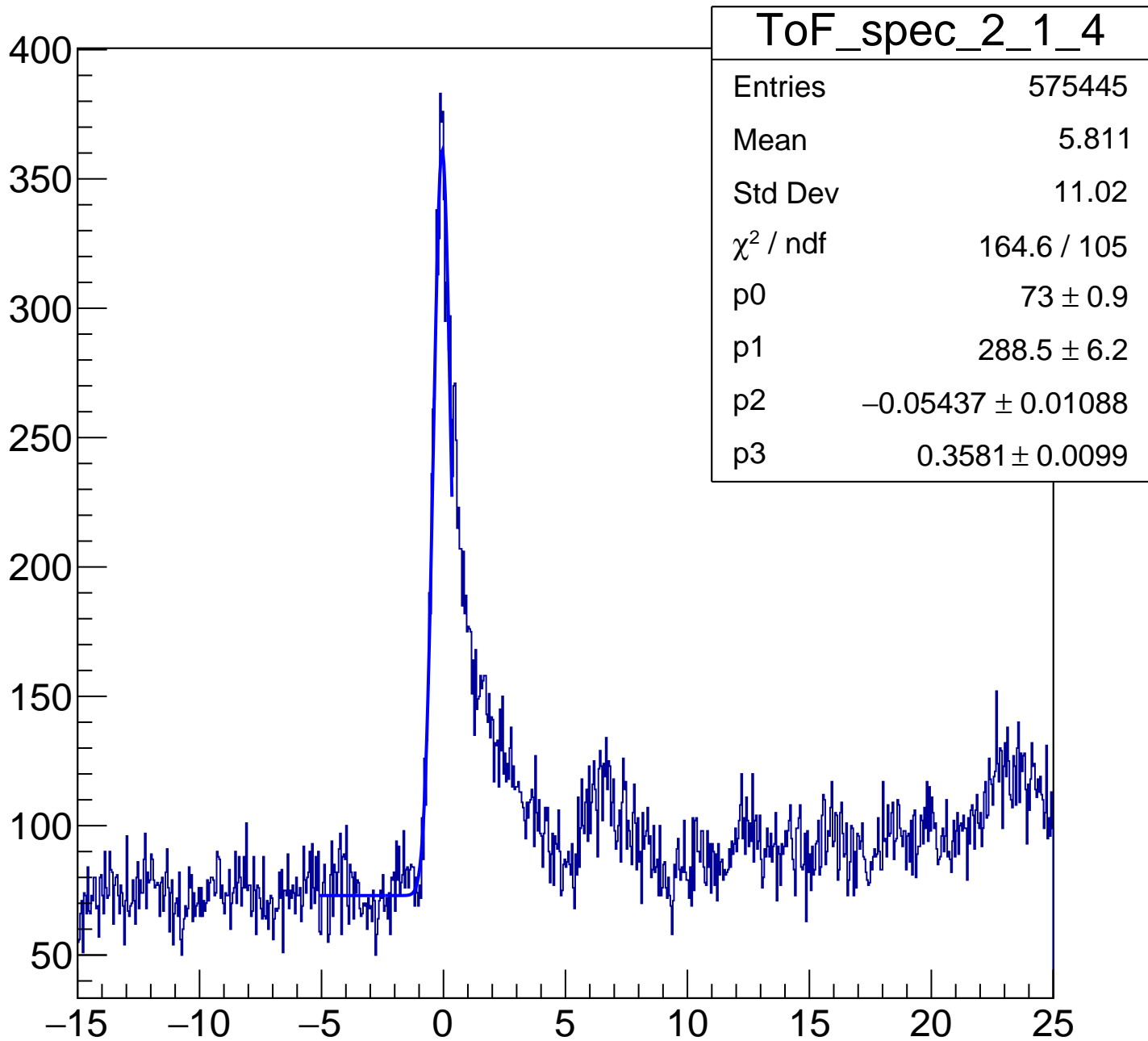
p2  $0.0118 \pm 0.0089$

p3  $0.3771 \pm 0.0088$

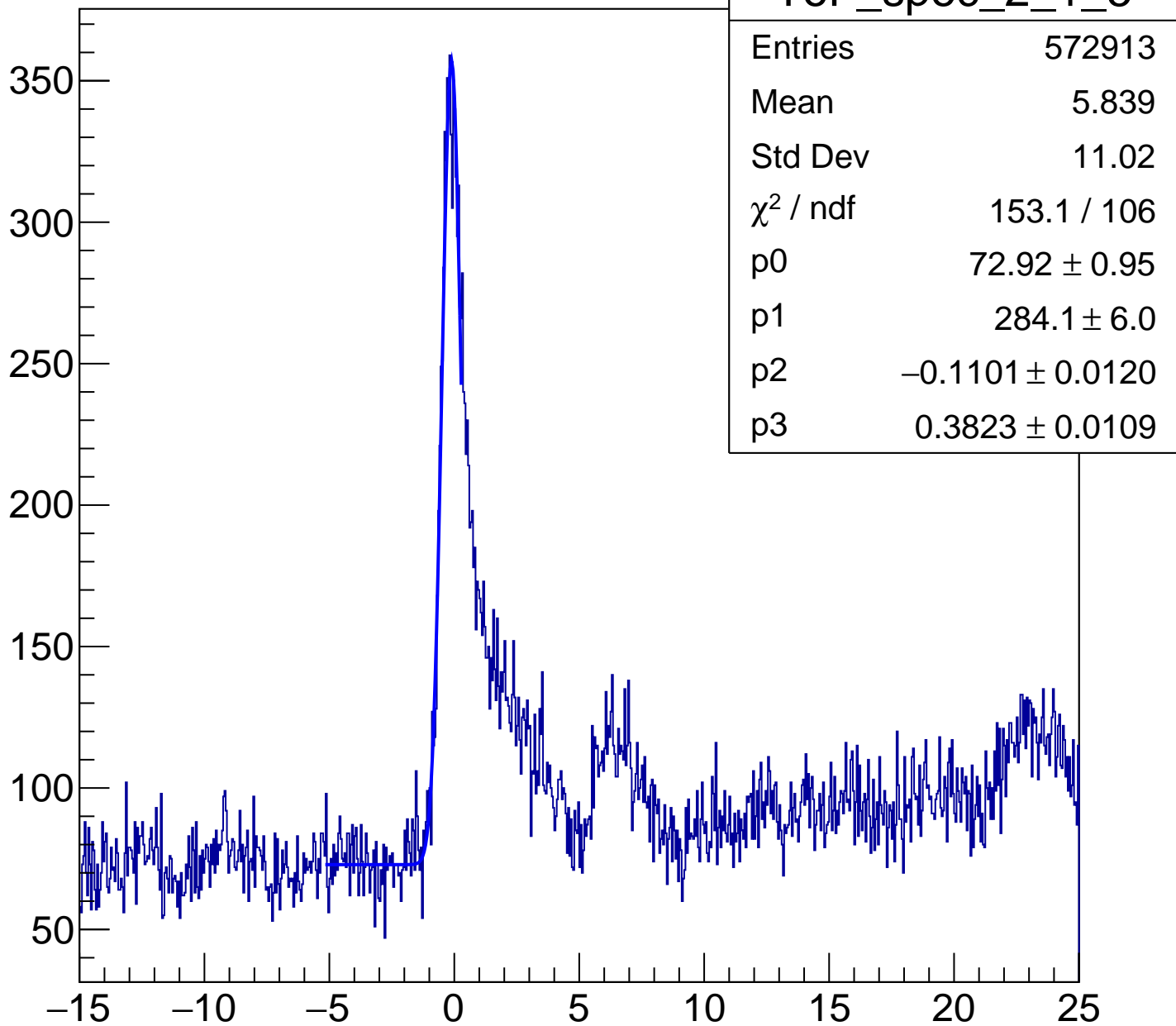
# ToF\_spec\_2\_1\_3



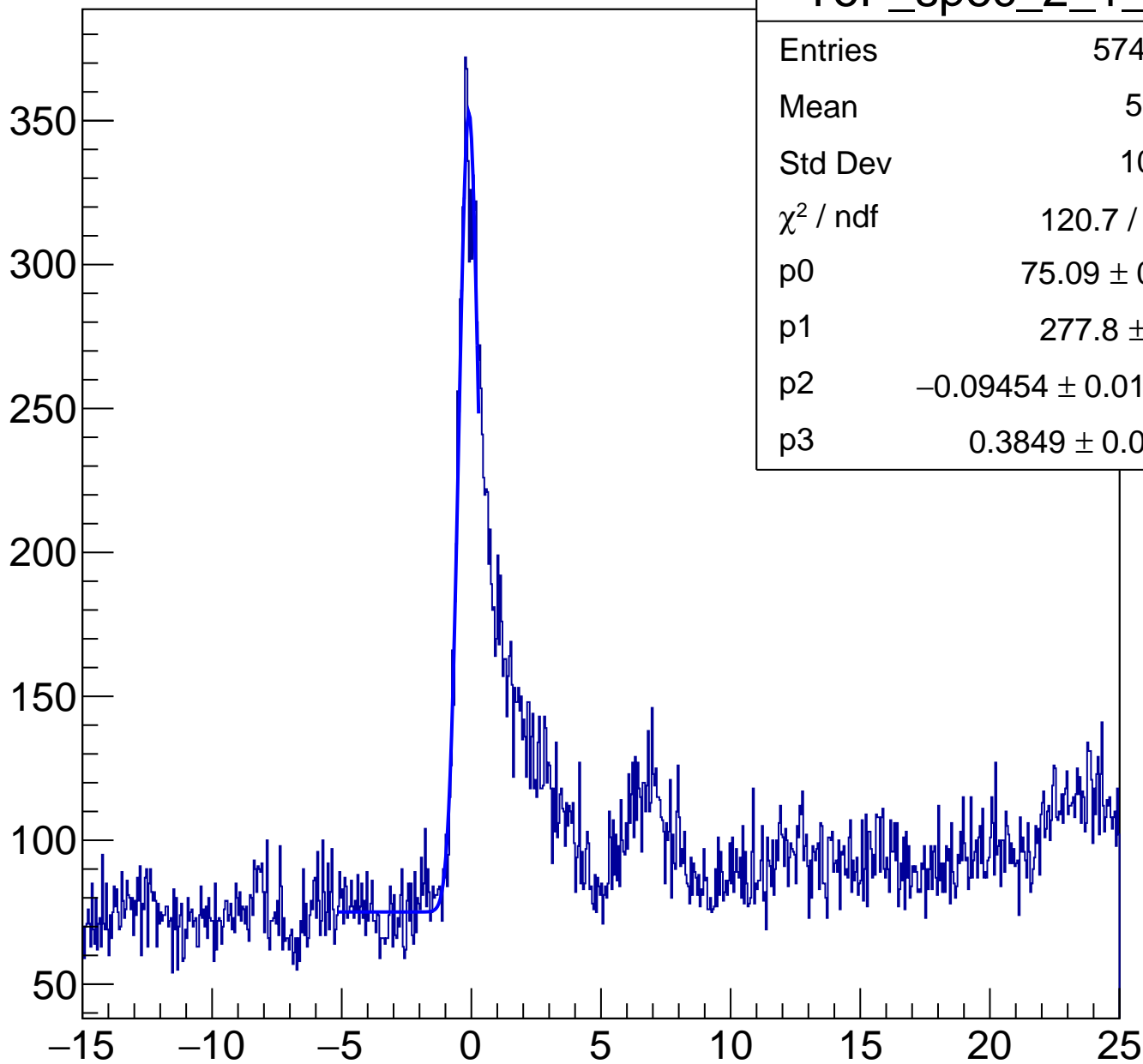
# ToF\_spec\_2\_1\_4



# ToF\_spec\_2\_1\_5



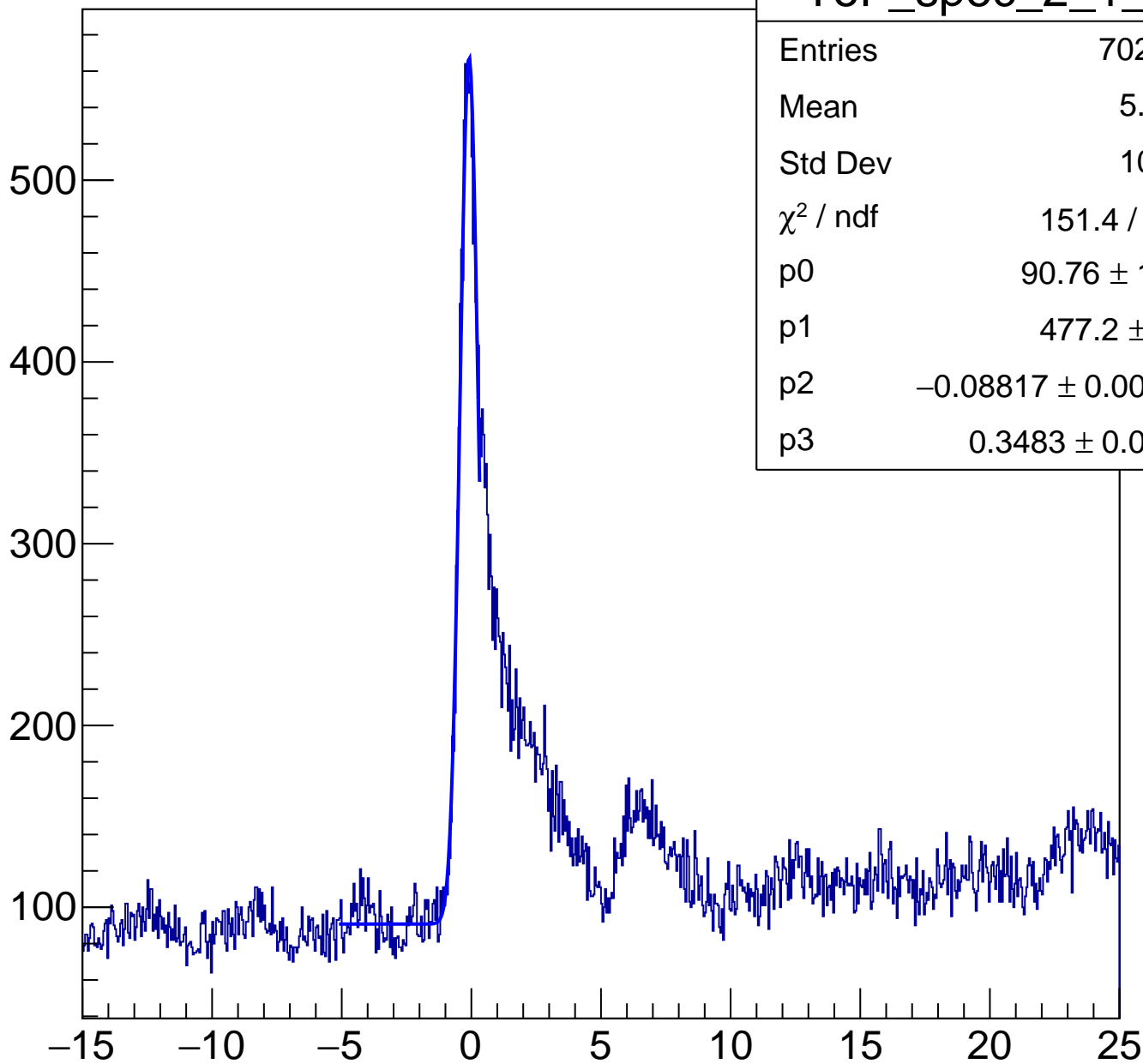
# ToF\_spec\_2\_1\_6



## ToF\_spec\_2\_1\_6

Entries	574476
Mean	5.711
Std Dev	10.97
$\chi^2 / \text{ndf}$	120.7 / 106
p0	$75.09 \pm 0.96$
p1	$277.8 \pm 5.9$
p2	$-0.09454 \pm 0.01293$
p3	$0.3849 \pm 0.0114$

# ToF\_spec\_2\_1\_7



ToF\_spec\_2\_1\_7

Entries 702291

Mean 5.595

Std Dev 10.72

$\chi^2 / \text{ndf}$  151.4 / 106

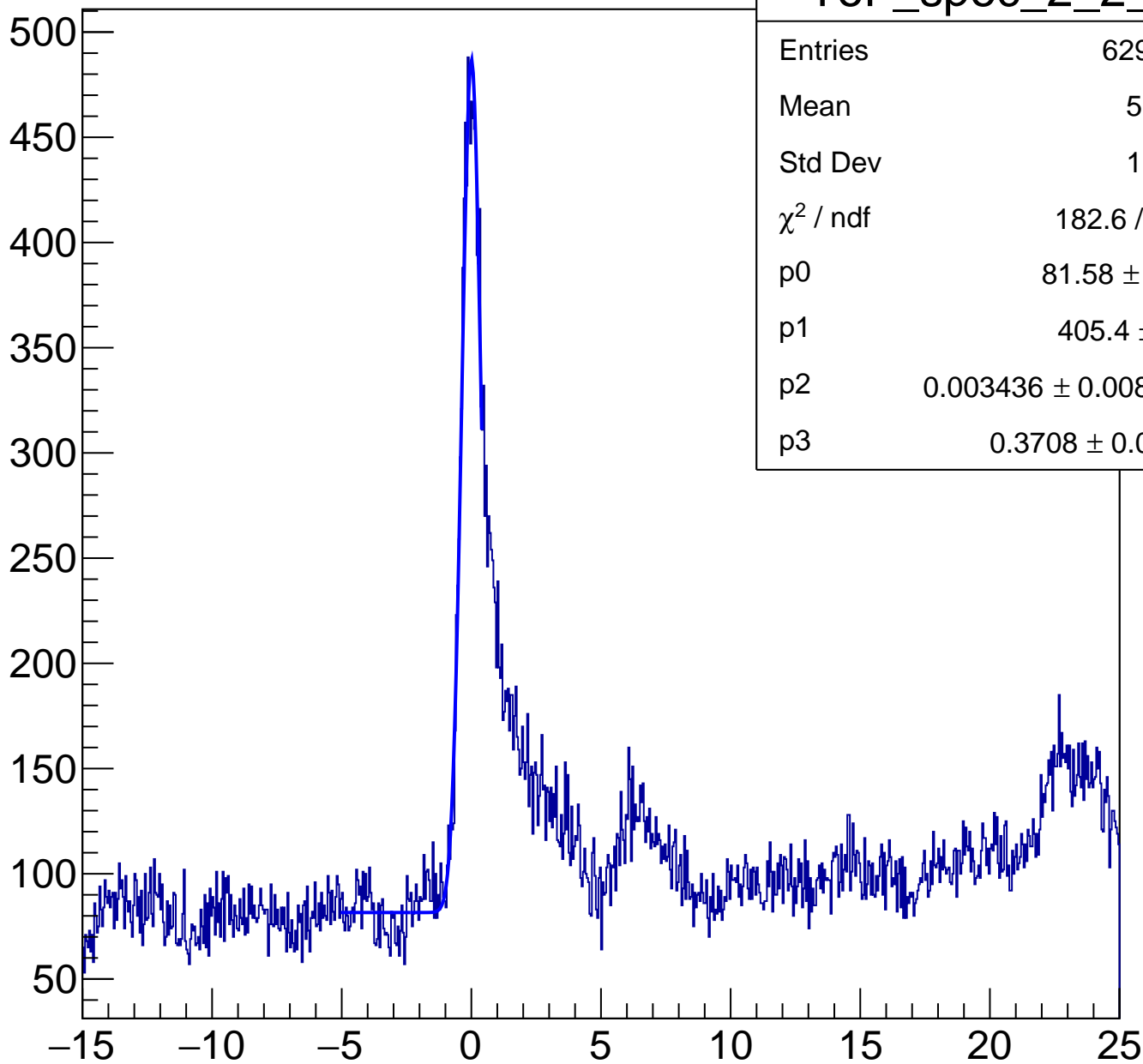
p0  $90.76 \pm 1.05$

p1  $477.2 \pm 7.9$

p2  $-0.08817 \pm 0.00732$

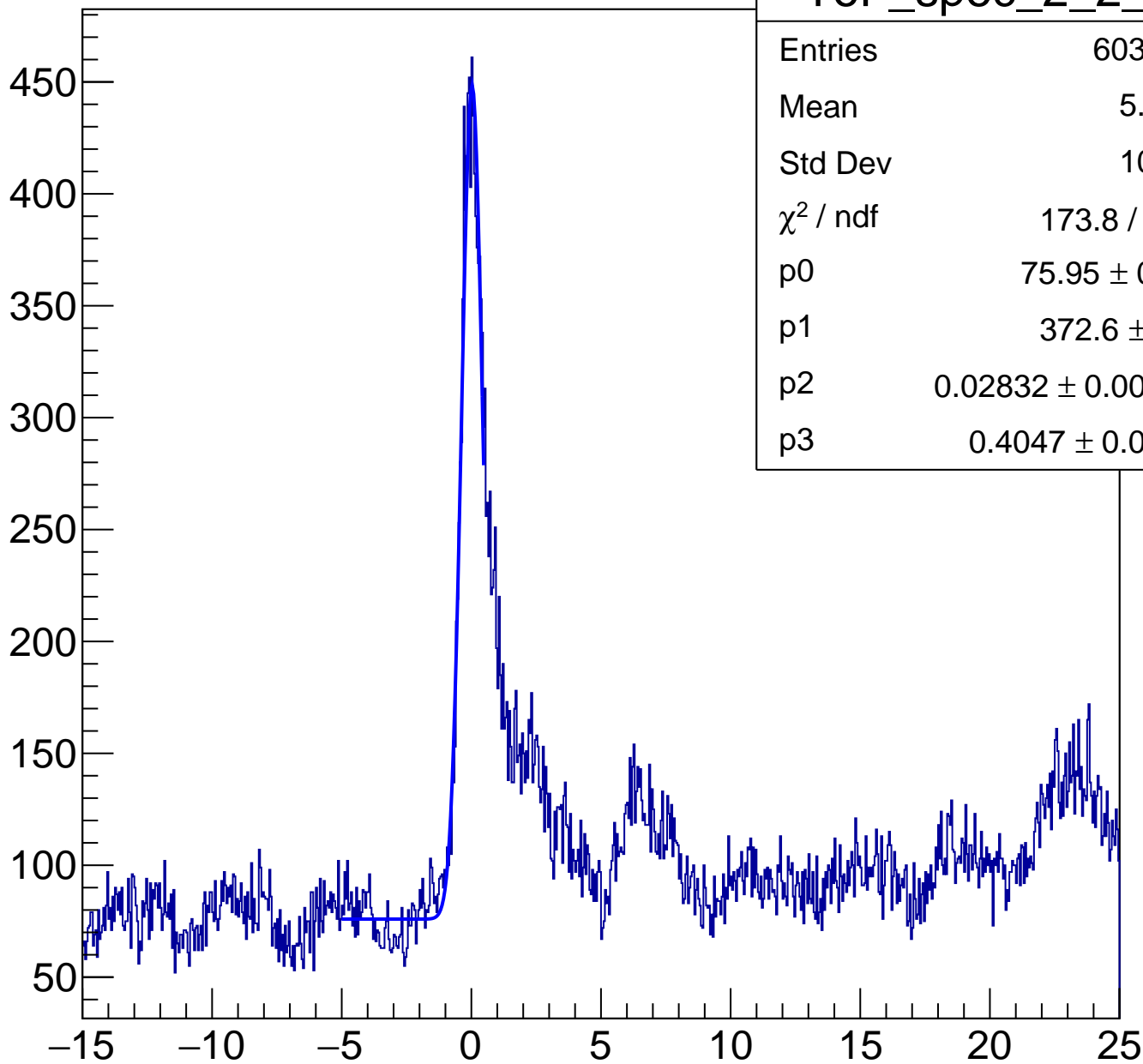
p3  $0.3483 \pm 0.0068$

# ToF\_spec\_2\_2\_1





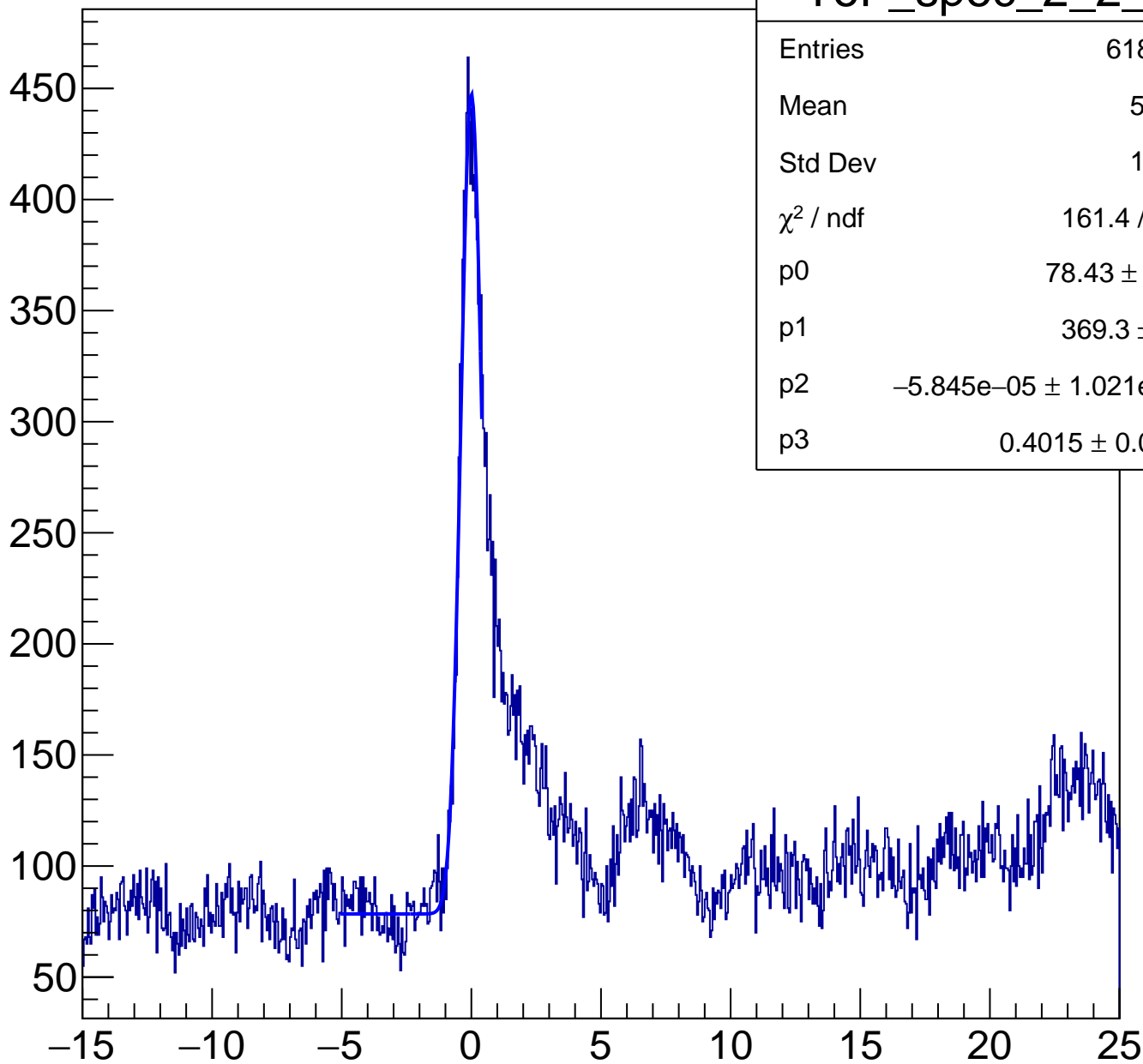
# ToF\_spec\_2\_2\_2



## ToF\_spec\_2\_2\_2

Entries	603988
Mean	5.812
Std Dev	10.98
$\chi^2 / \text{ndf}$	173.8 / 107
p0	$75.95 \pm 0.98$
p1	$372.6 \pm 6.6$
p2	$0.02832 \pm 0.00970$
p3	$0.4047 \pm 0.0092$

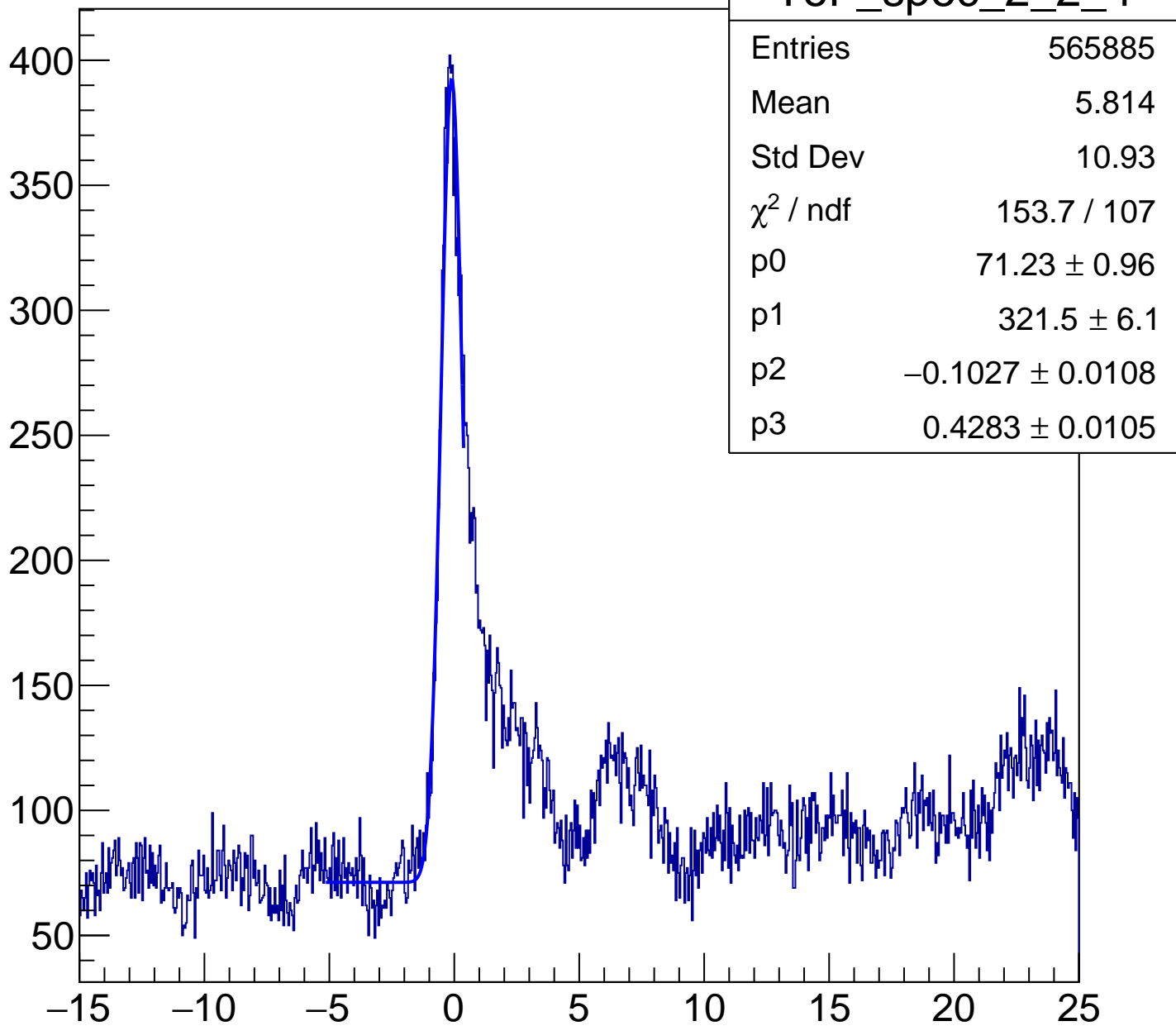
# ToF\_spec\_2\_2\_3



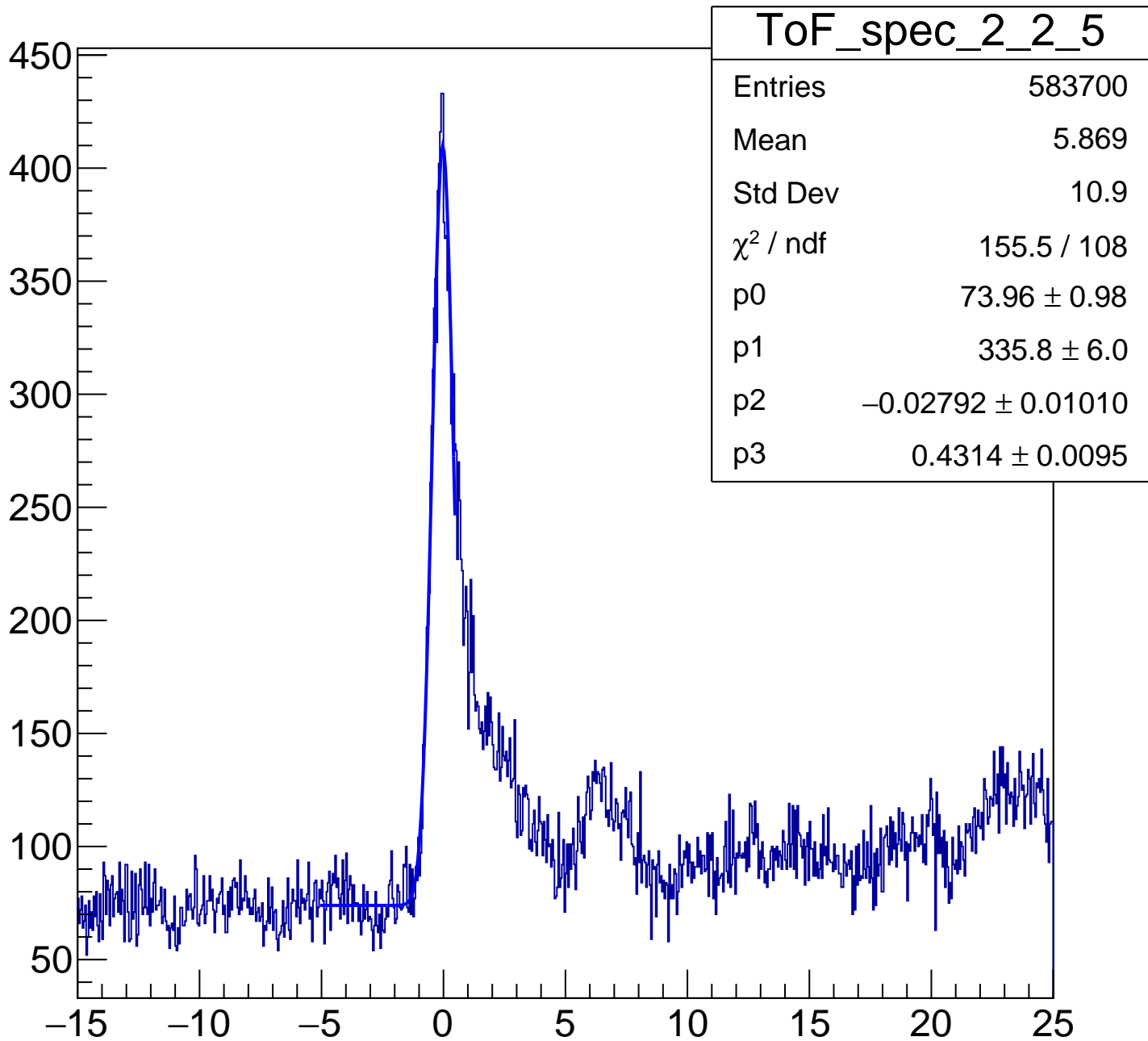
ToF\_spec\_2\_2\_3

Entries	618704
Mean	5.817
Std Dev	10.97
$\chi^2 / \text{ndf}$	161.4 / 107
p0	$78.43 \pm 0.99$
p1	$369.3 \pm 6.6$
p2	$-5.845\text{e-}05 \pm 1.021\text{e-}02$
p3	$0.4015 \pm 0.0094$

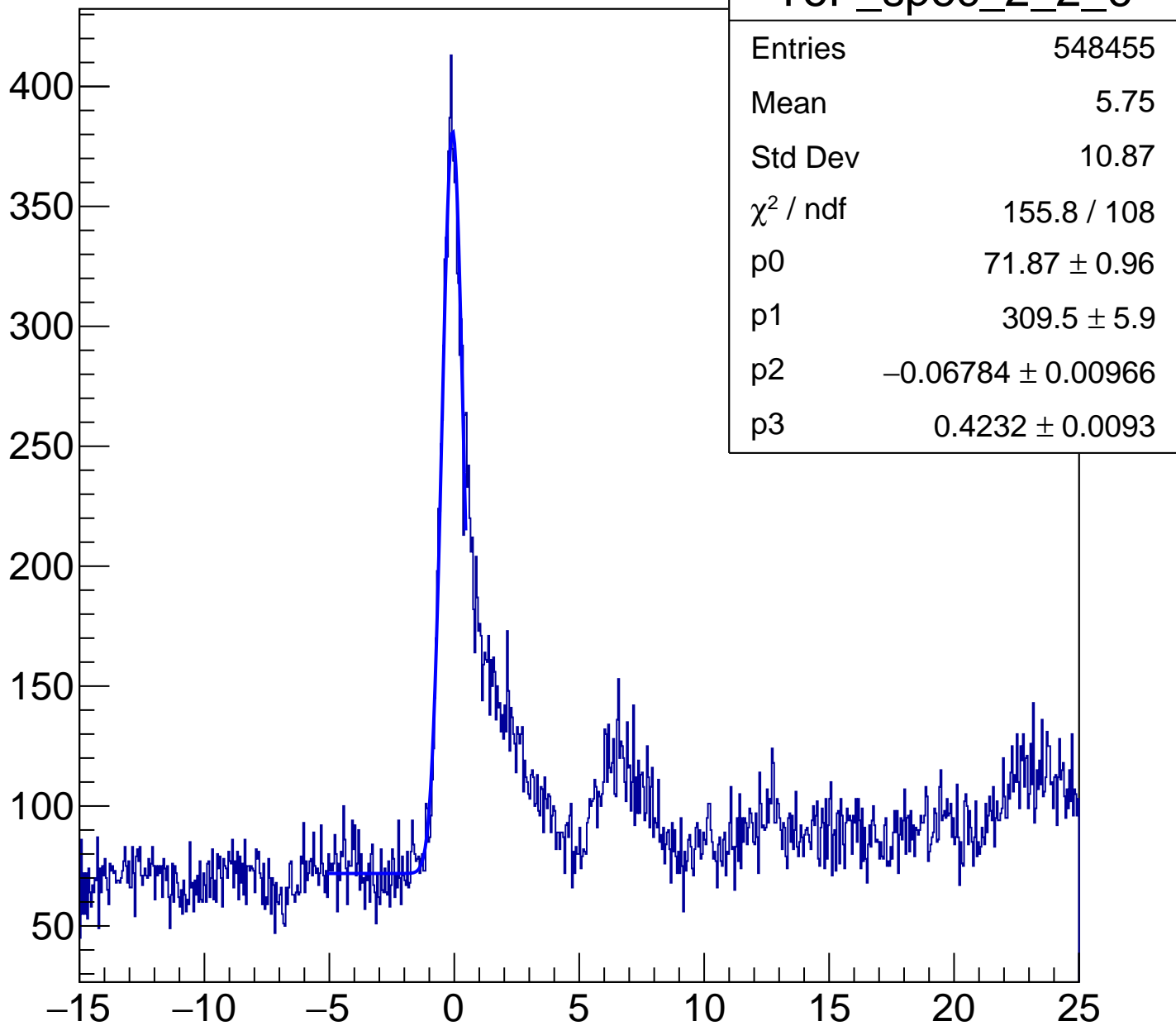
# ToF\_spec\_2\_2\_4



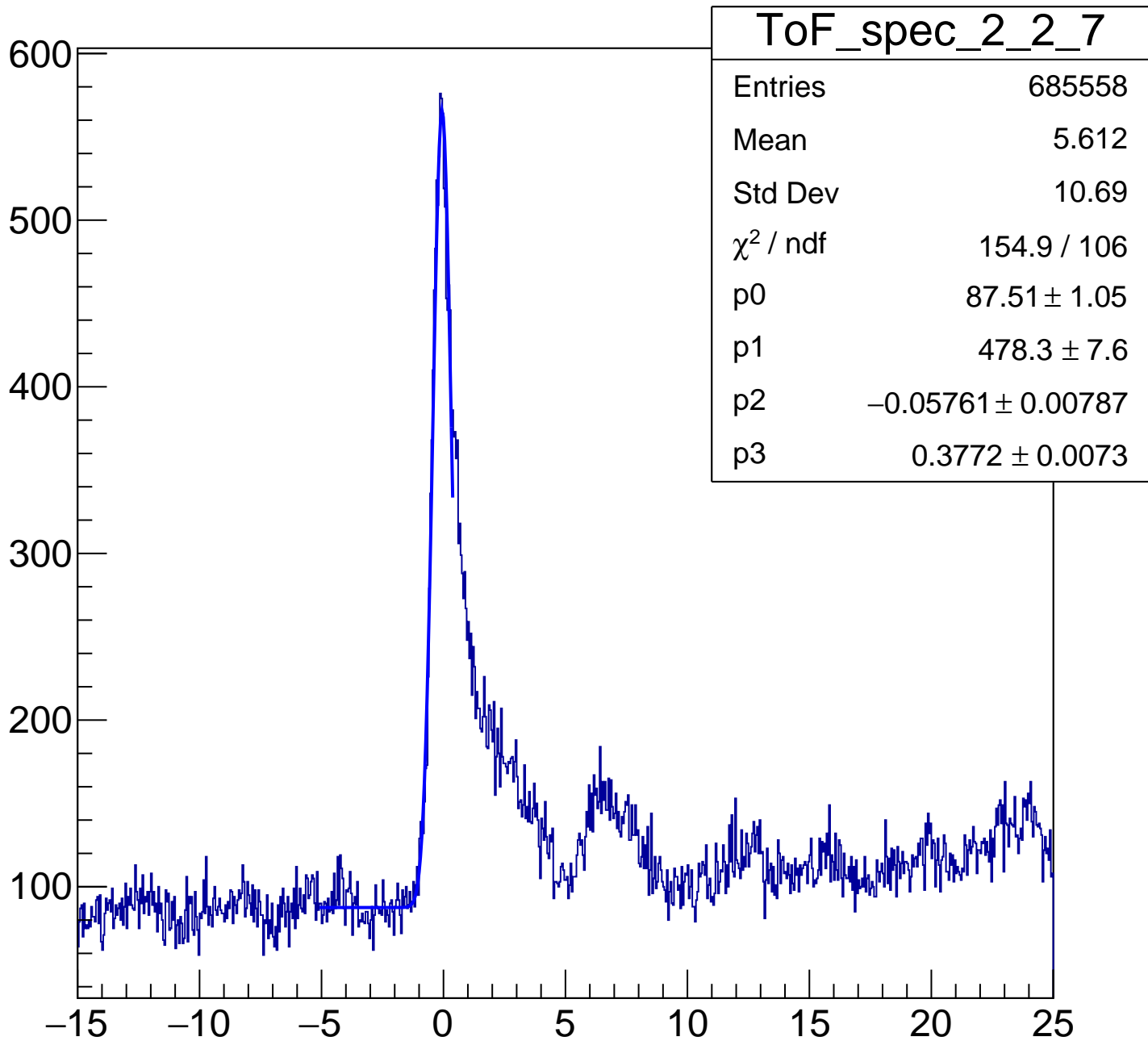
# ToF\_spec\_2\_2\_5



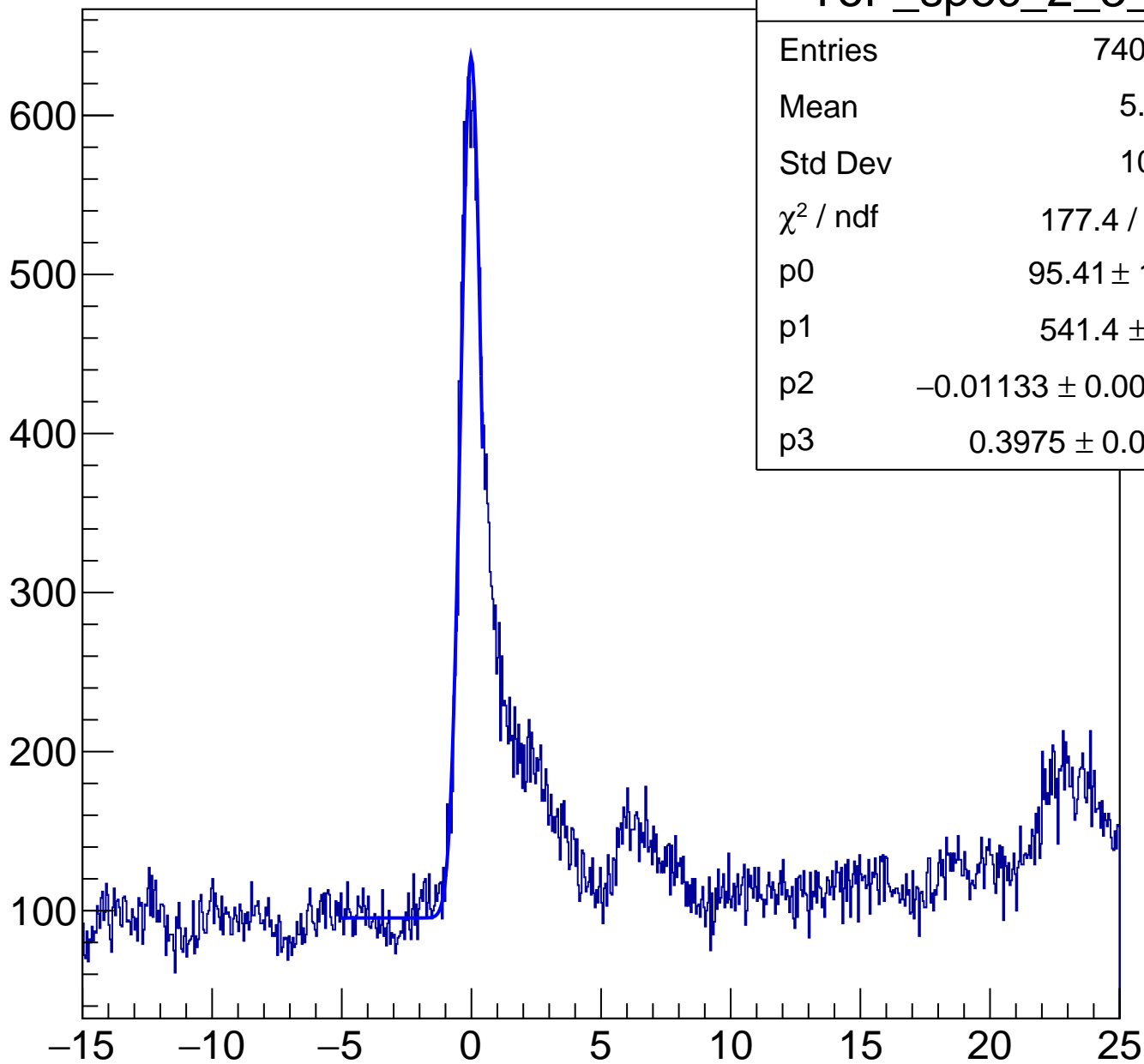
# ToF\_spec\_2\_2\_6



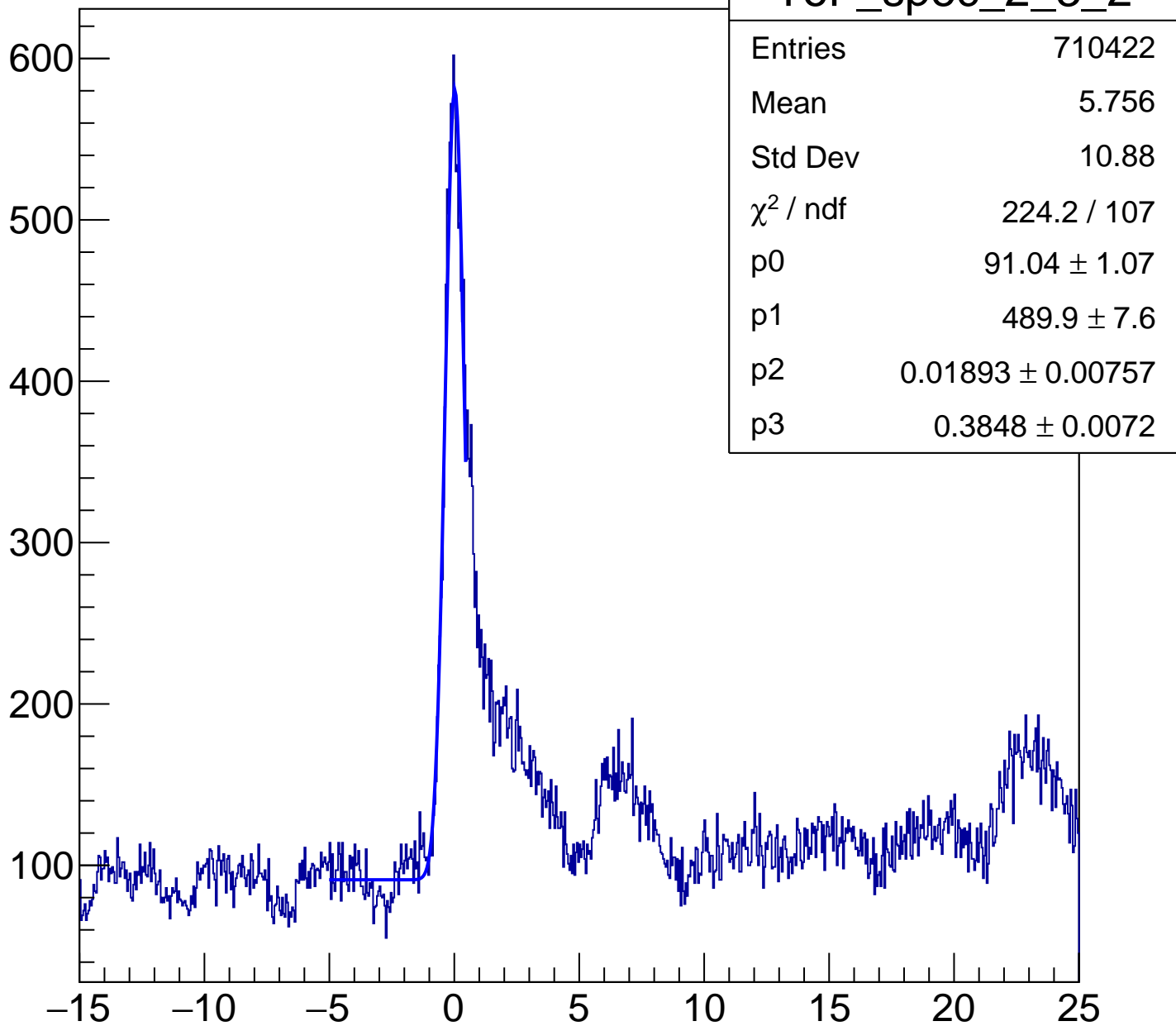
# ToF\_spec\_2\_2\_7



# ToF\_spec\_2\_3\_1

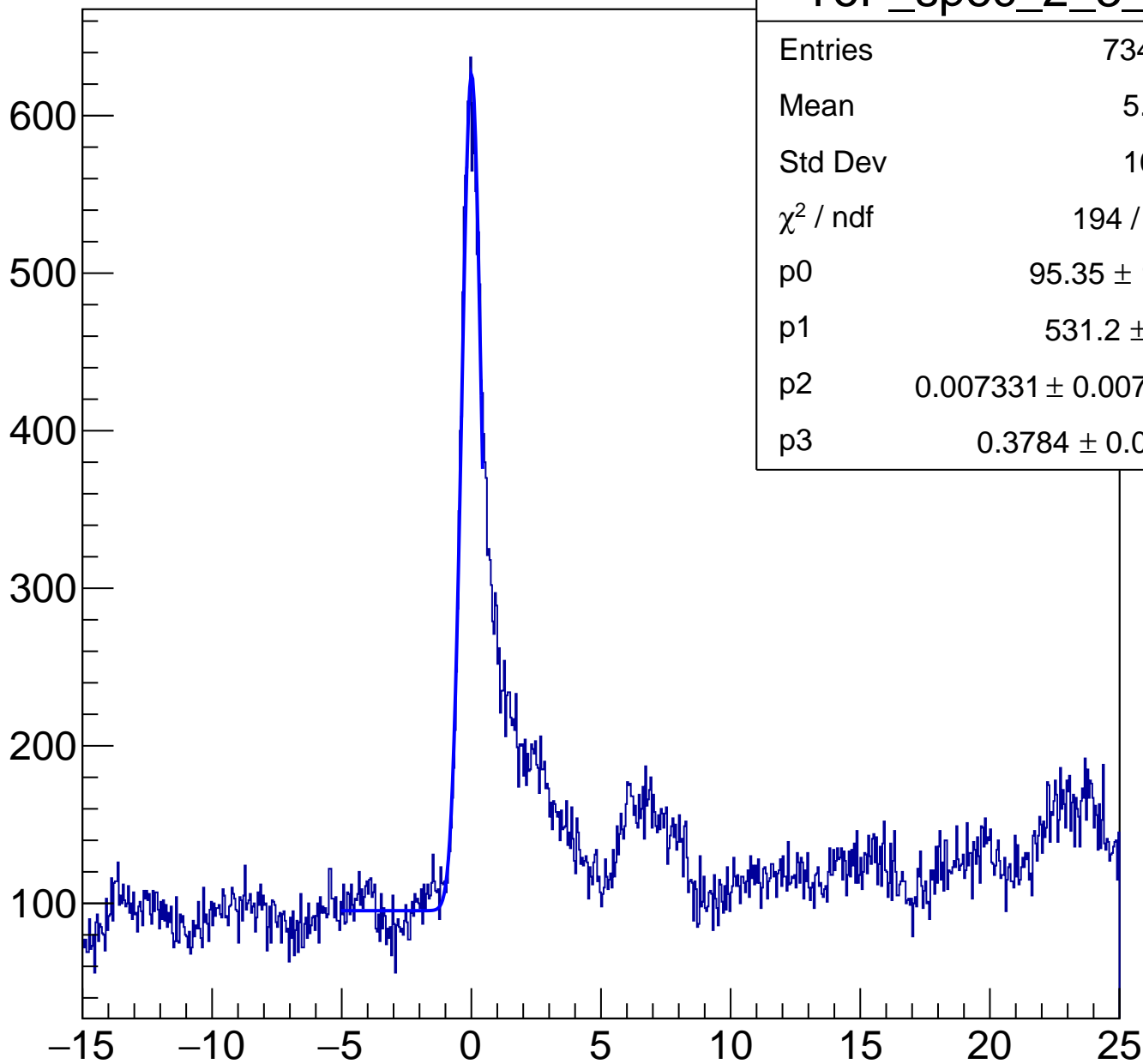


# ToF\_spec\_2\_3\_2





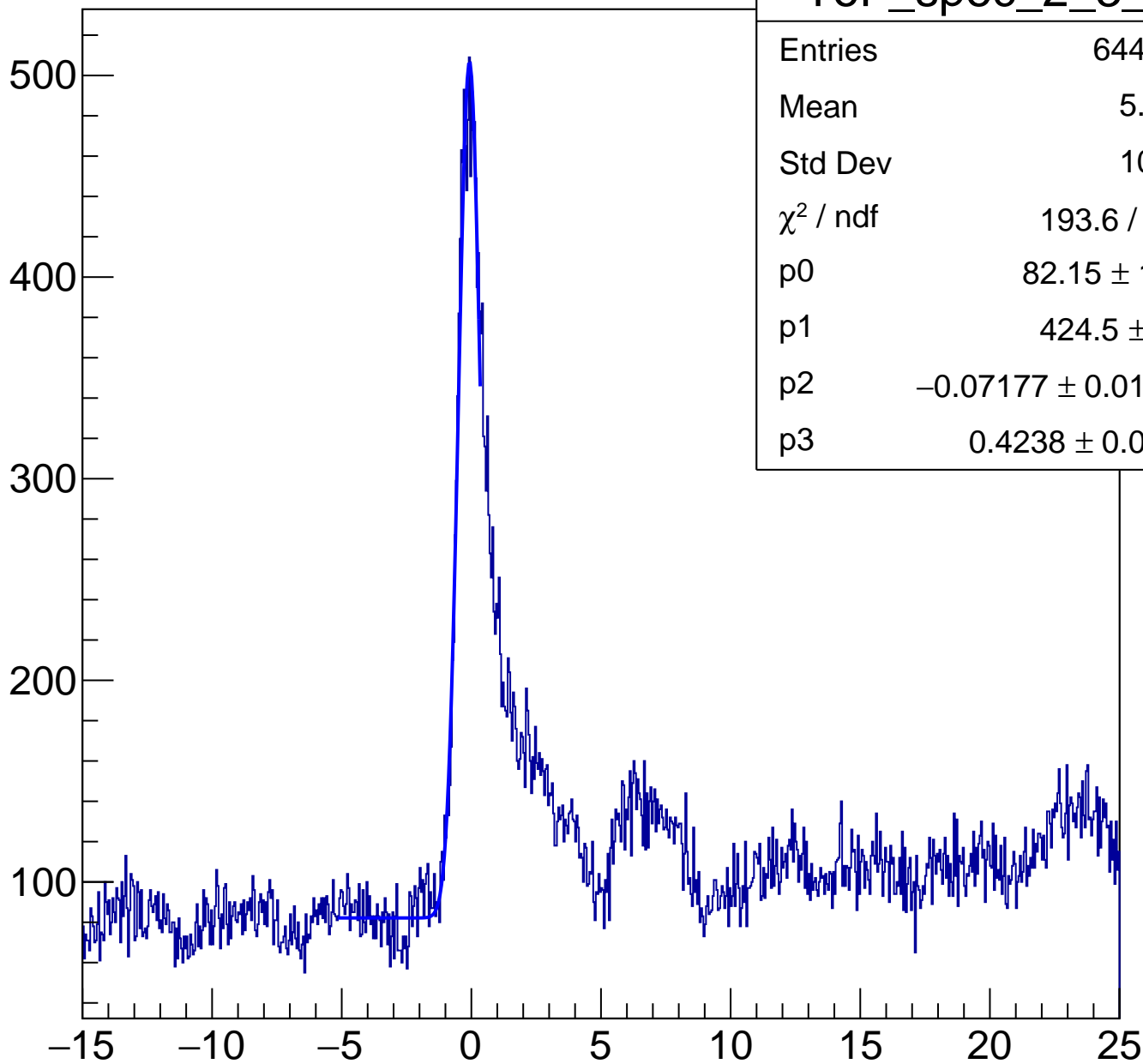
# ToF\_spec\_2\_3\_3



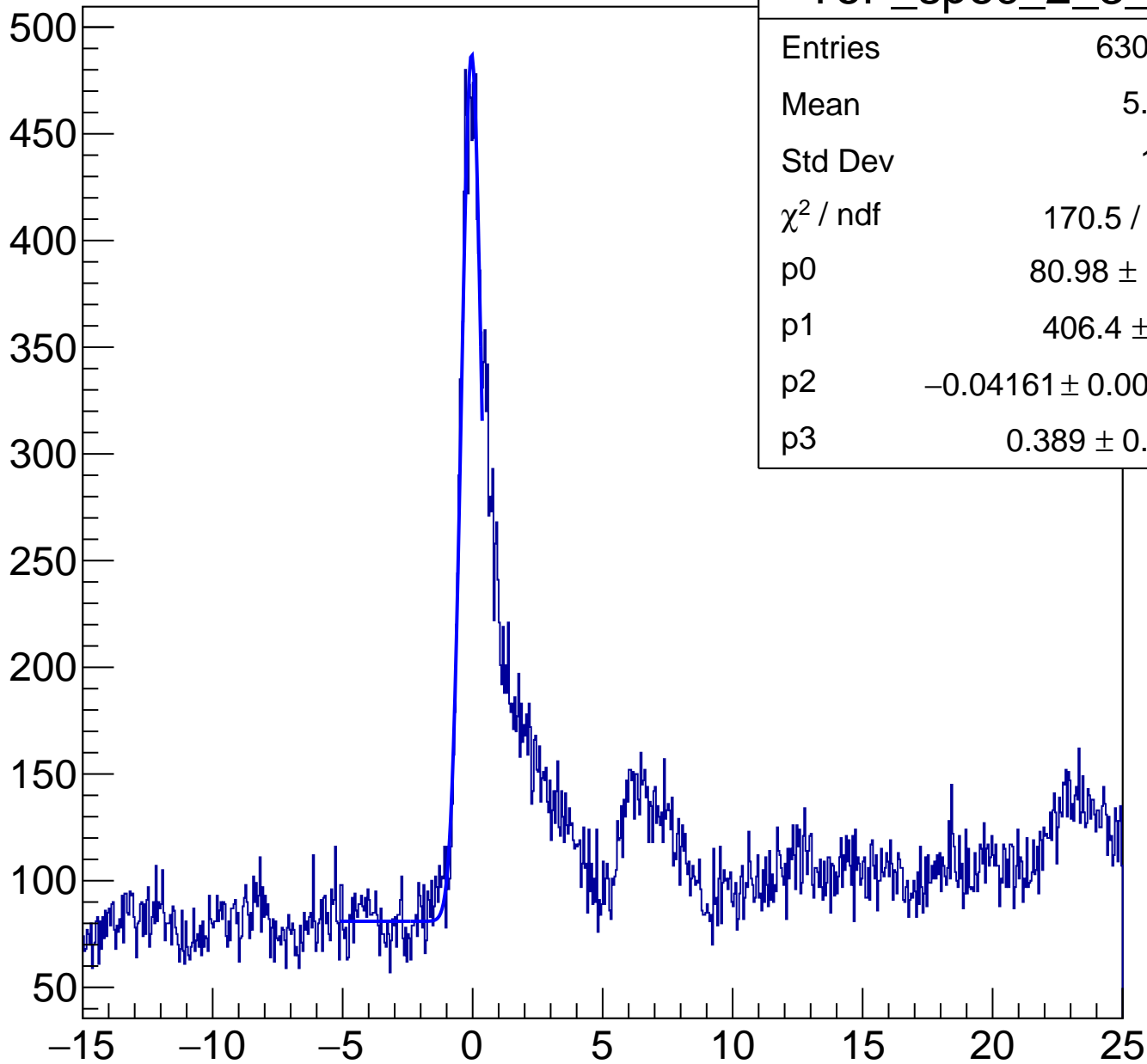
ToF\_spec\_2\_3\_3

Entries	734581
Mean	5.778
Std Dev	10.79
$\chi^2 / \text{ndf}$	194 / 106
p0	$95.35 \pm 1.09$
p1	$531.2 \pm 7.9$
p2	$0.007331 \pm 0.007634$
p3	$0.3784 \pm 0.0070$

# ToF\_spec\_2\_3\_4



# ToF\_spec\_2\_3\_5



ToF\_spec\_2\_3\_5

Entries 630733

Mean 5.752

Std Dev 10.8

$\chi^2 / \text{ndf}$  170.5 / 106

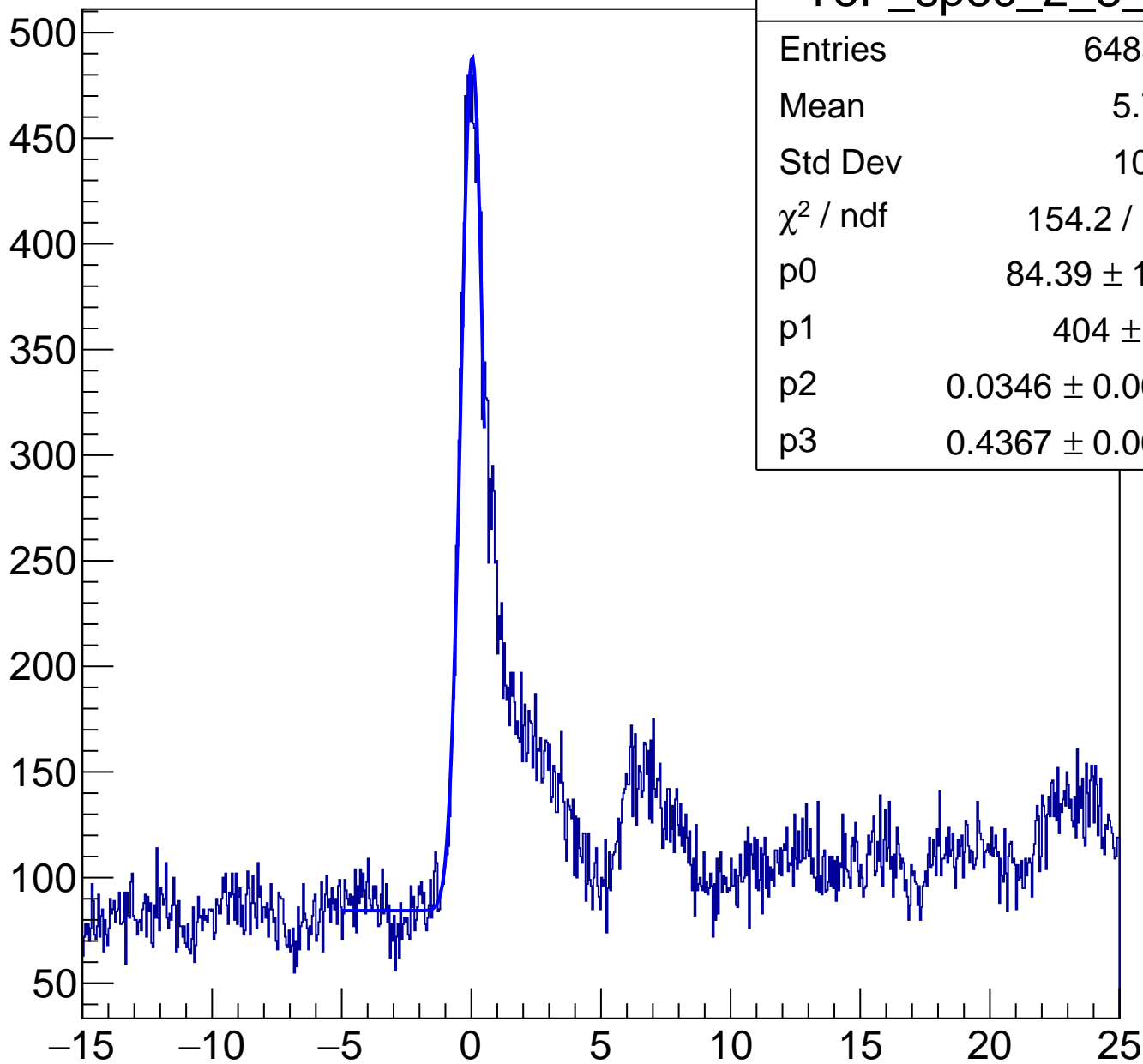
p0  $80.98 \pm 1.01$

p1  $406.4 \pm 6.9$

p2  $-0.04161 \pm 0.00920$

p3  $0.389 \pm 0.008$

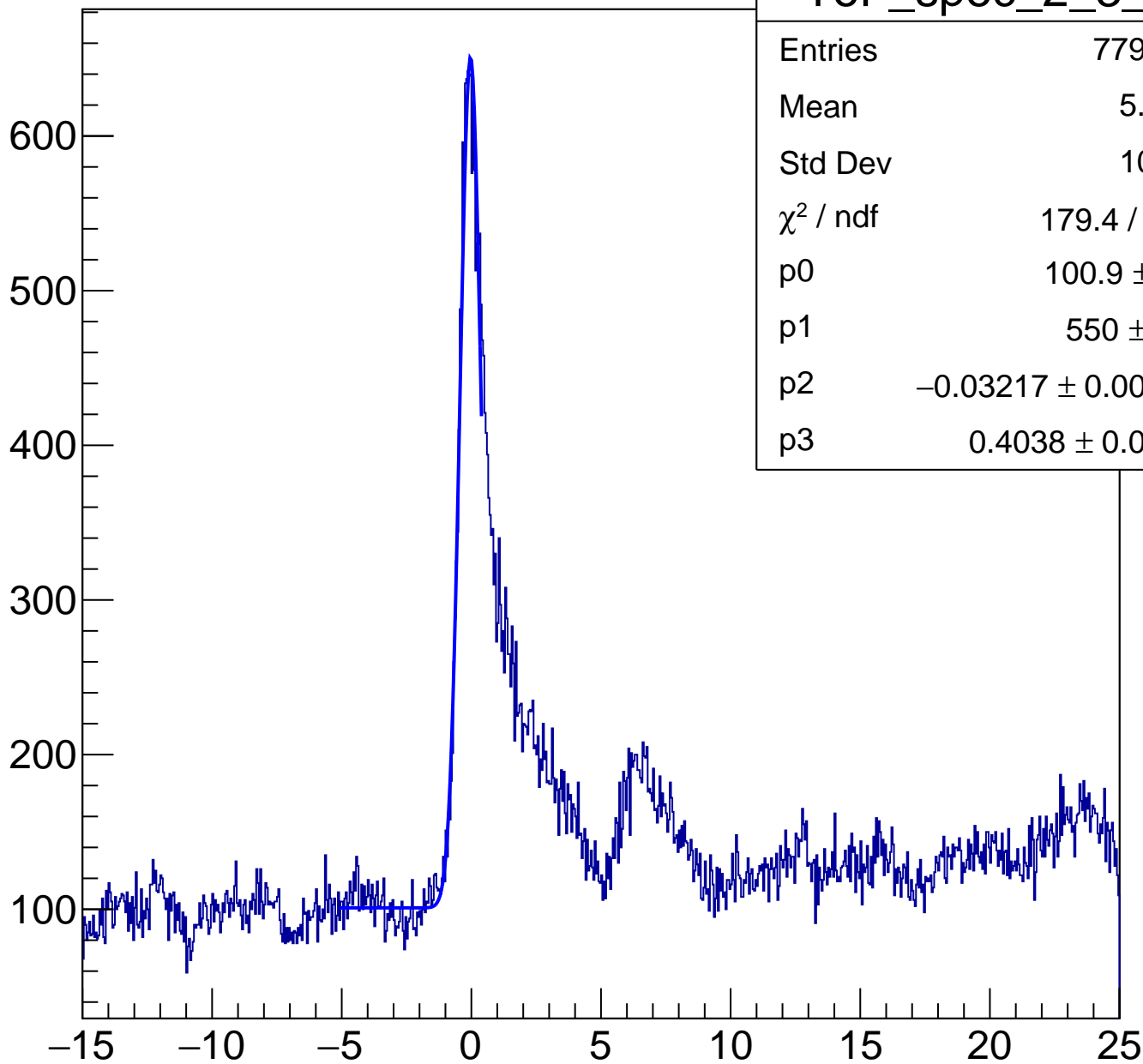
# ToF\_spec\_2\_3\_6



ToF\_spec\_2\_3\_6

Entries	648344
Mean	5.729
Std Dev	10.76
$\chi^2$ / ndf	154.2 / 108
p0	$84.39 \pm 1.04$
p1	$404 \pm 6.5$
p2	$0.0346 \pm 0.0094$
p3	$0.4367 \pm 0.0087$

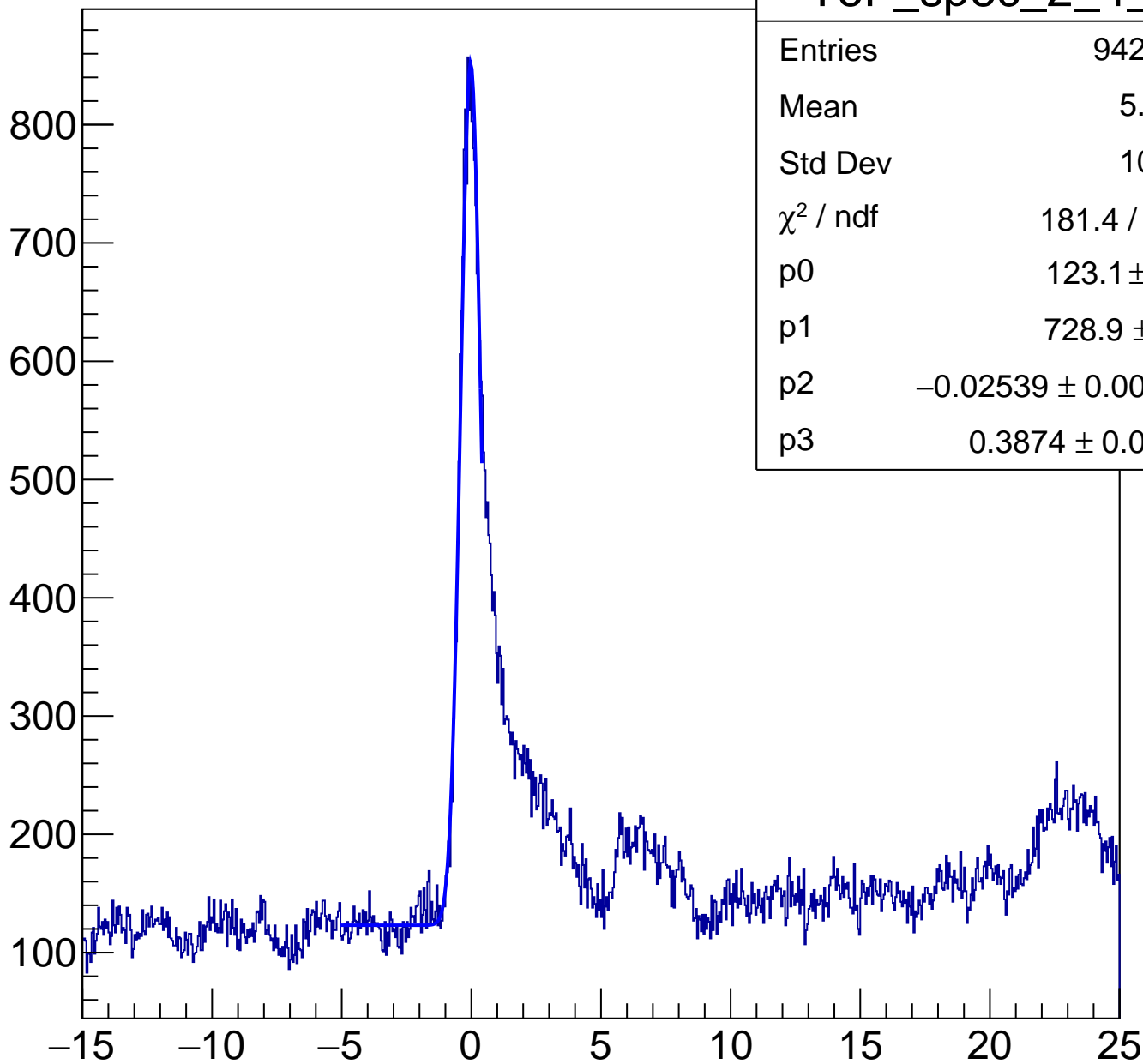
# ToF\_spec\_2\_3\_7



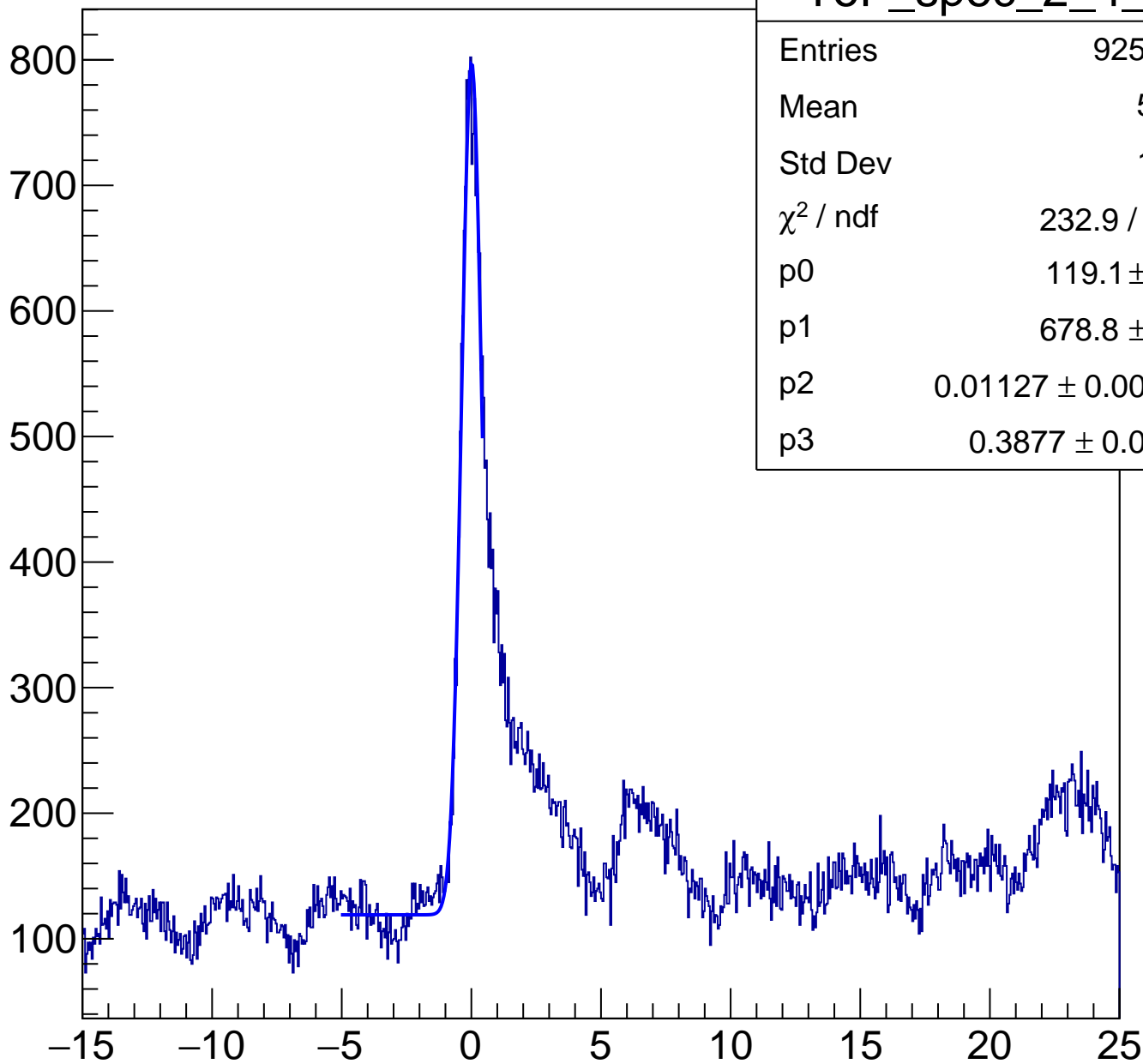
ToF\_spec\_2\_3\_7

Entries	779429
Mean	5.606
Std Dev	10.62
$\chi^2 / \text{ndf}$	179.4 / 106
p0	$100.9 \pm 1.1$
p1	$550 \pm 7.9$
p2	$-0.03217 \pm 0.00869$
p3	$0.4038 \pm 0.0078$

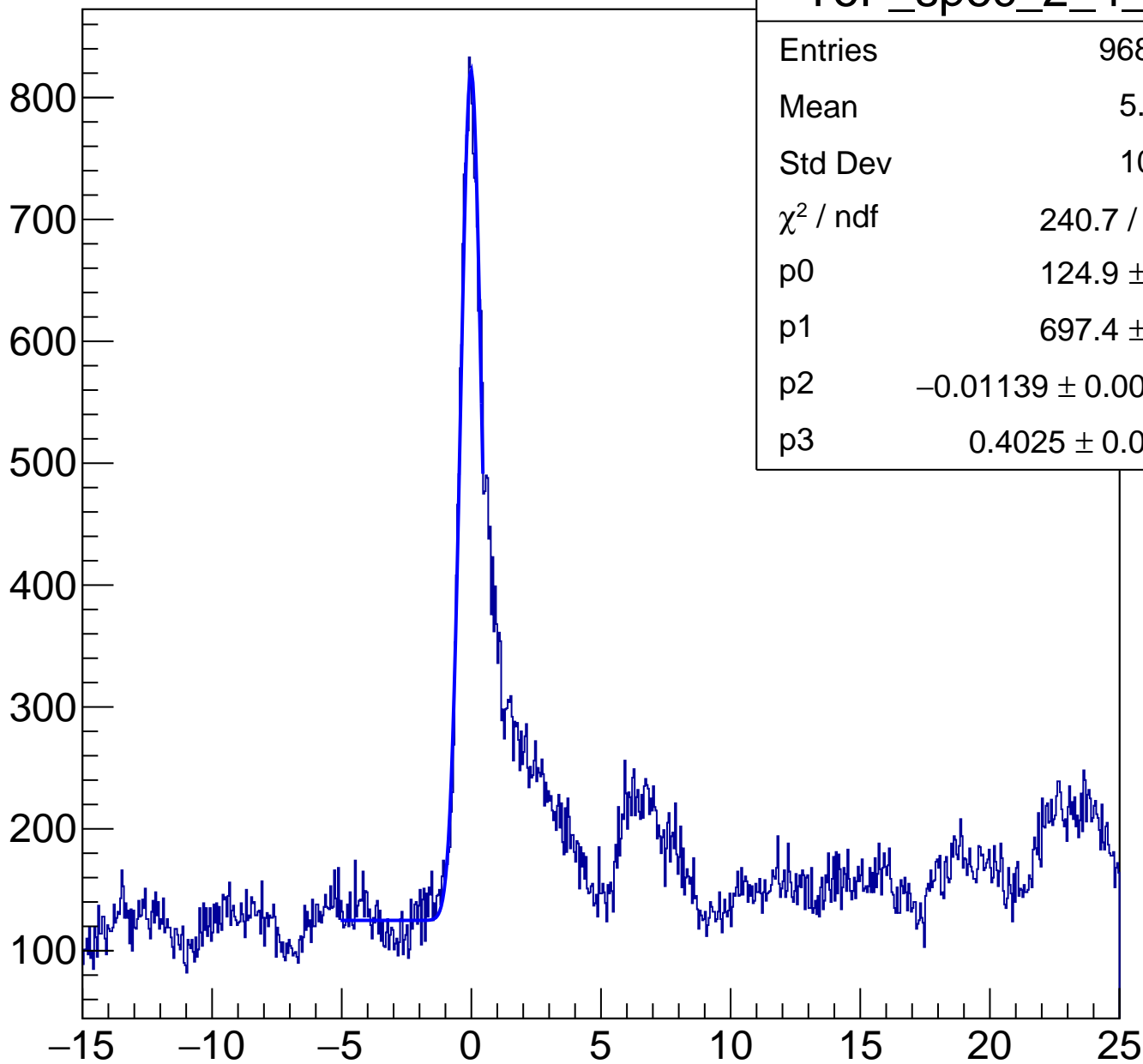
# ToF\_spec\_2\_4\_1



# ToF\_spec\_2\_4\_2



# ToF\_spec\_2\_4\_3



ToF\_spec\_2\_4\_3

Entries 968491

Mean 5.709

Std Dev 10.76

$\chi^2 / \text{ndf}$  240.7 / 106

p0  $124.9 \pm 1.3$

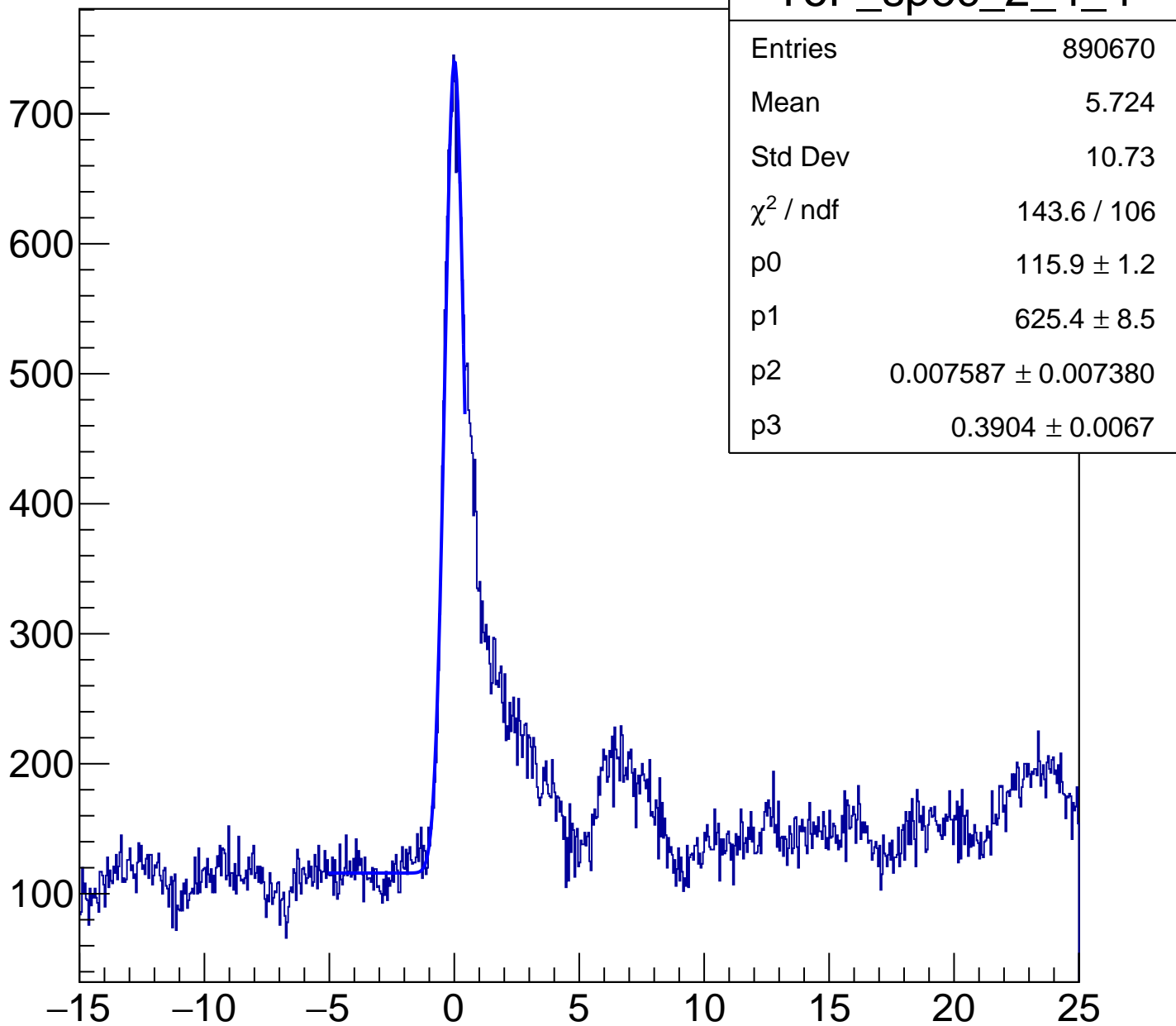
p1  $697.4 \pm 8.9$

p2  $-0.01139 \pm 0.00705$

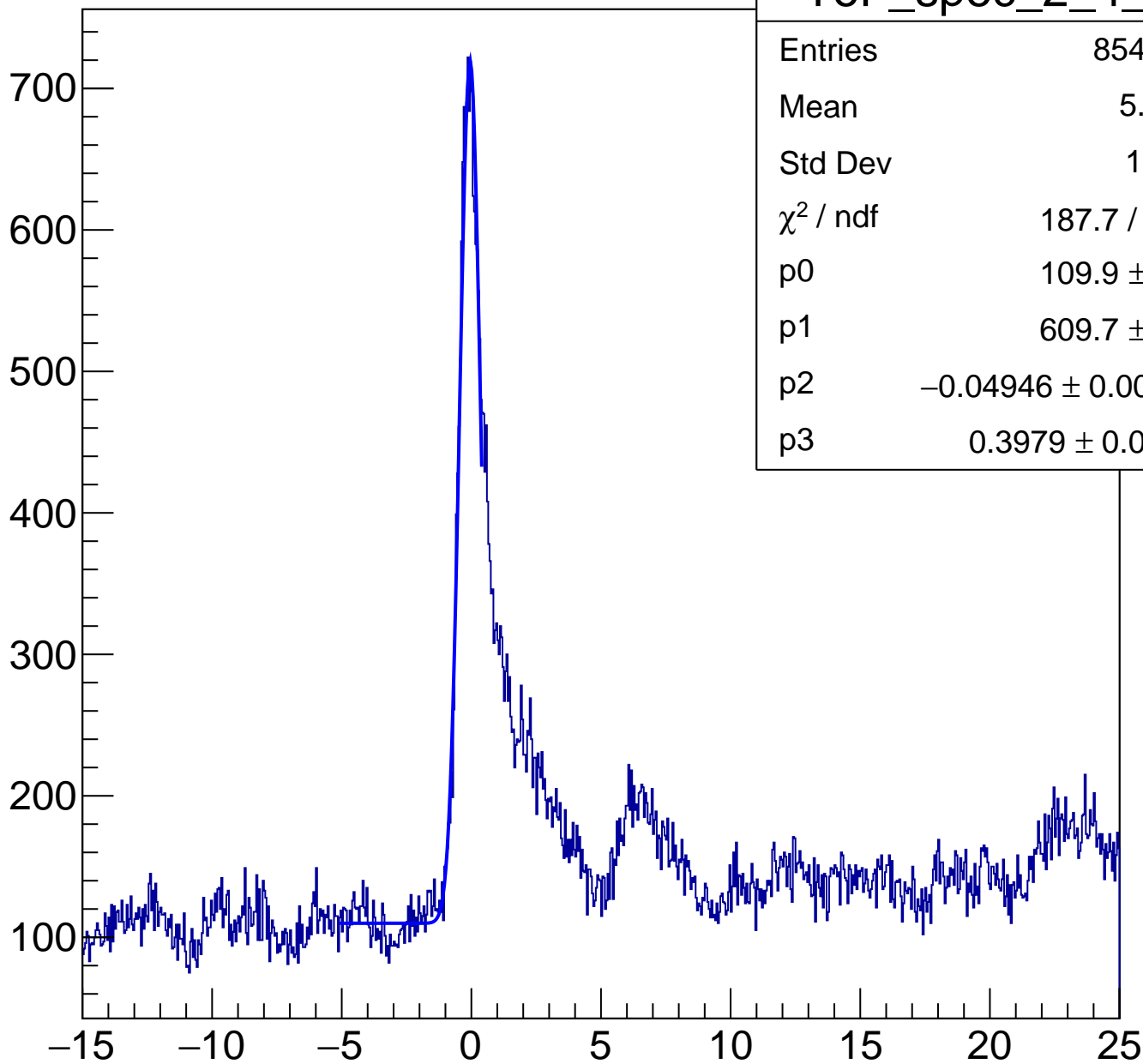
p3  $0.4025 \pm 0.0065$



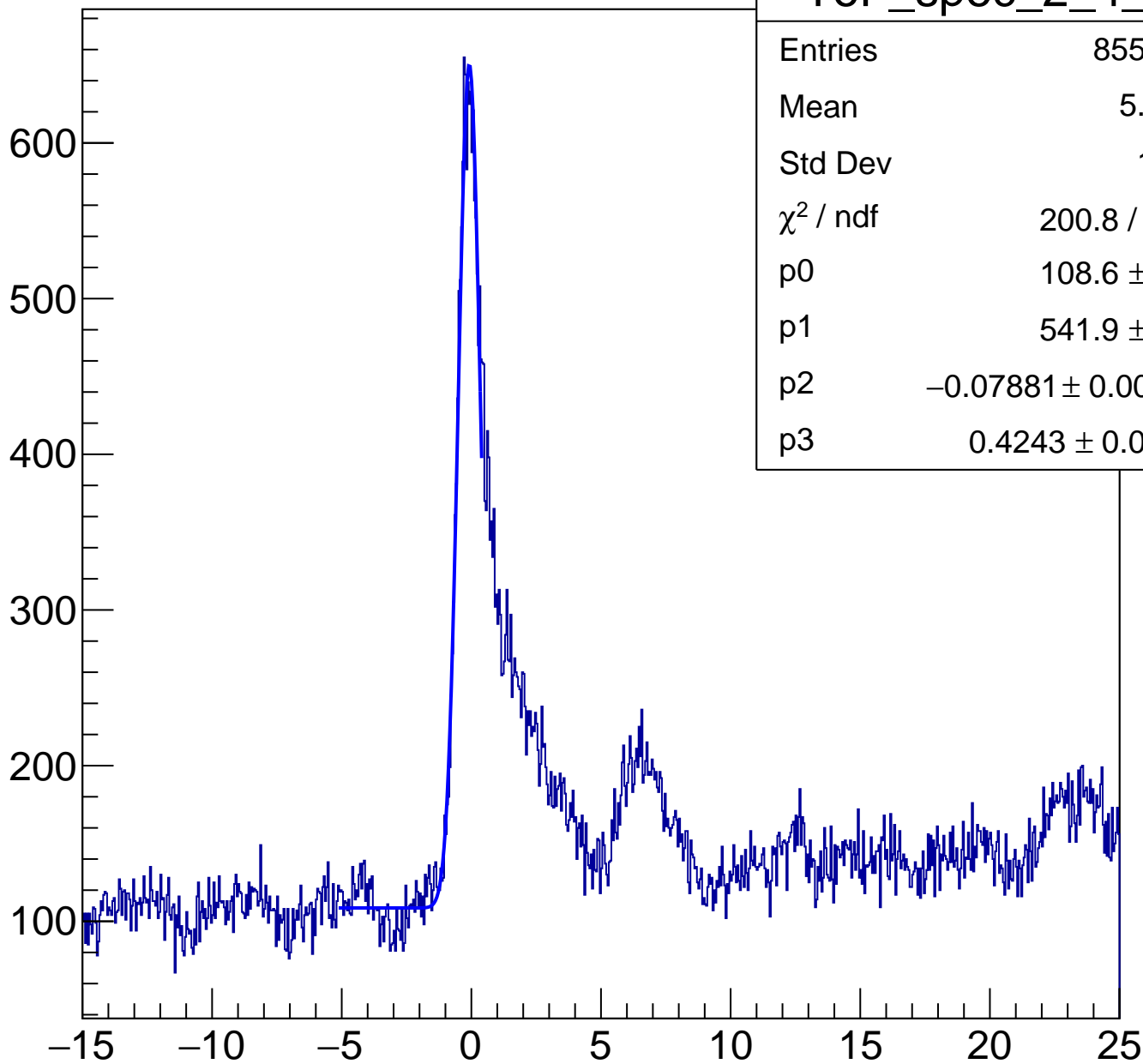
# ToF\_spec\_2\_4\_4



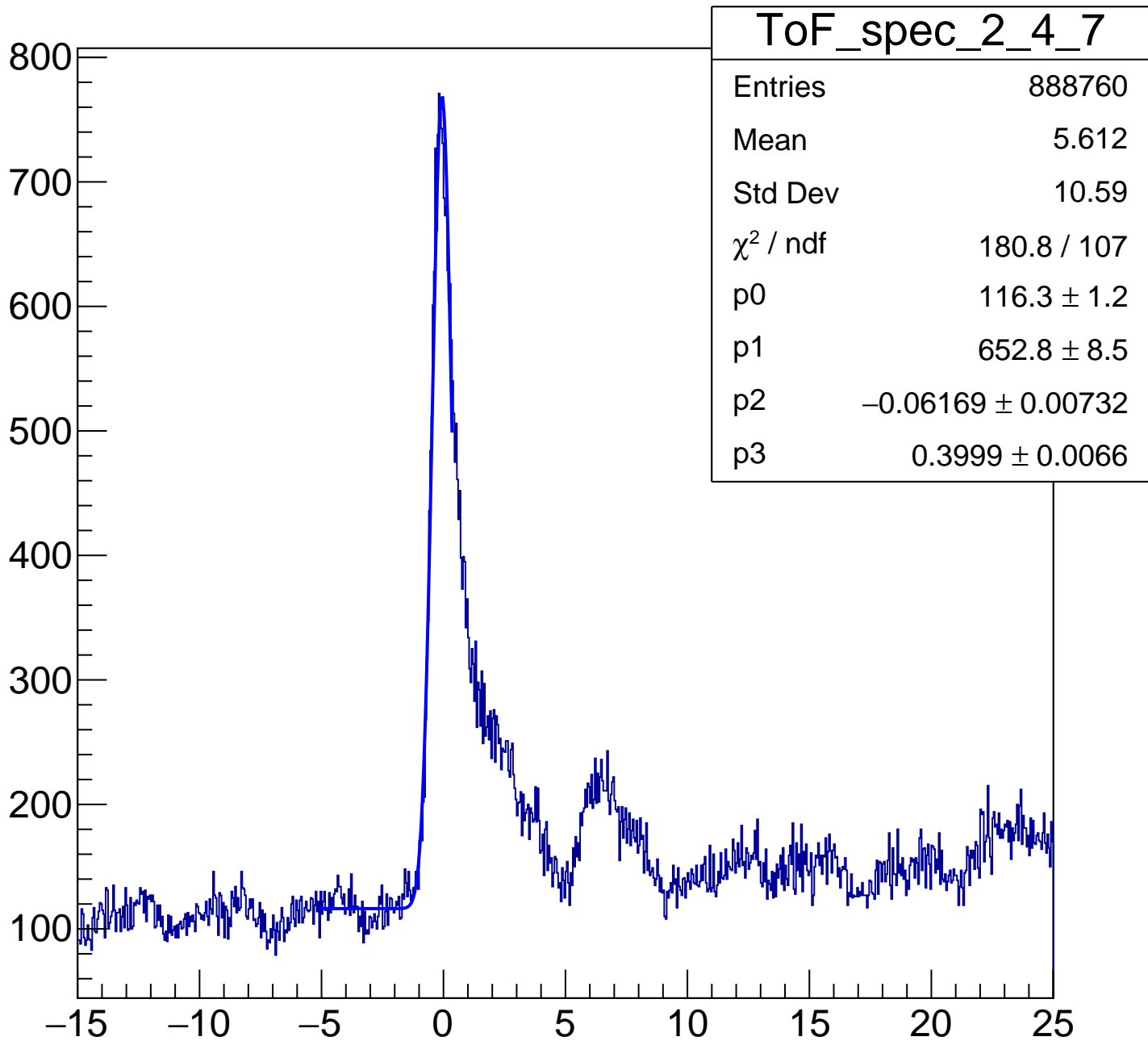
# ToF\_spec\_2\_4\_5



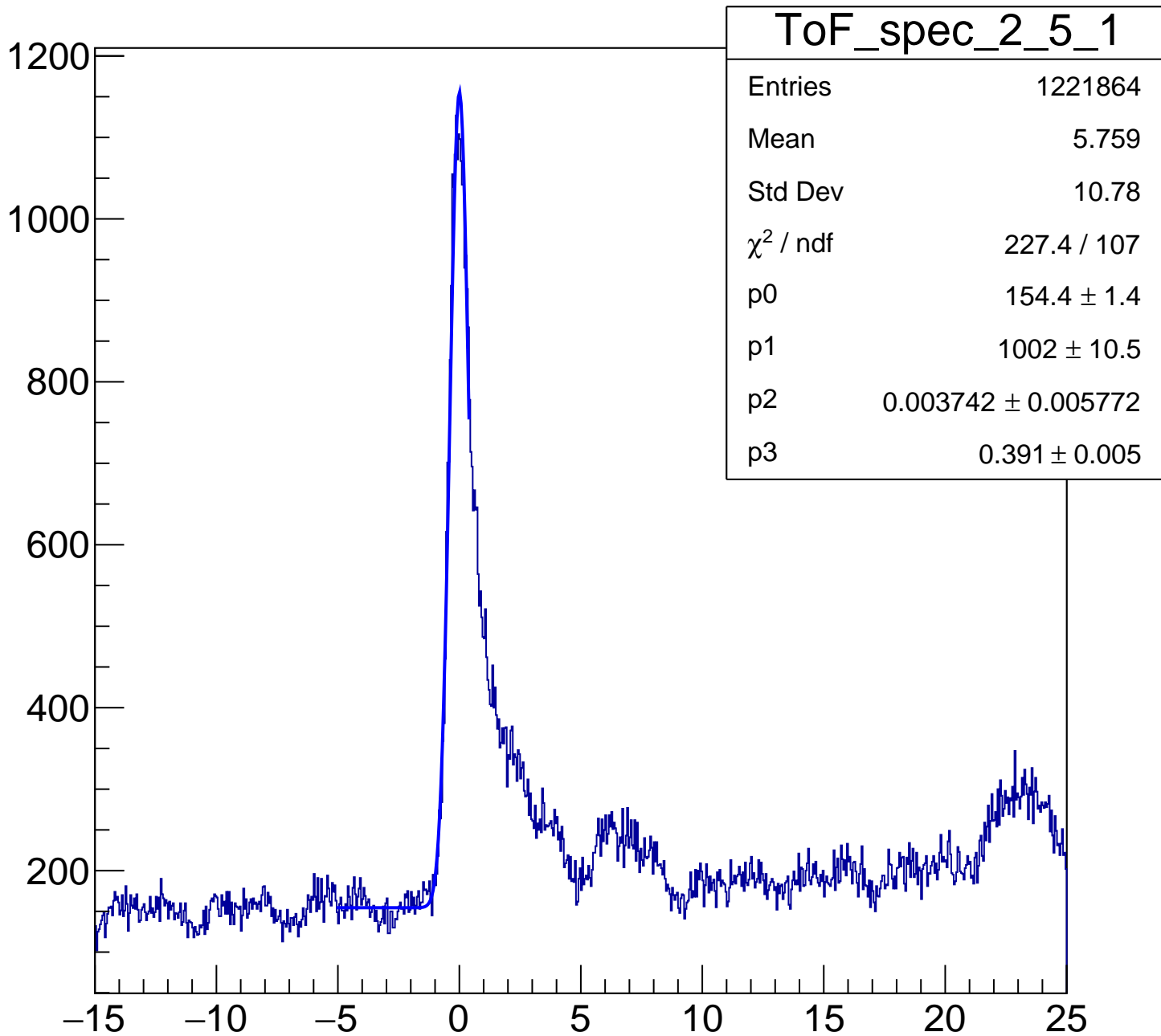
# ToF\_spec\_2\_4\_6



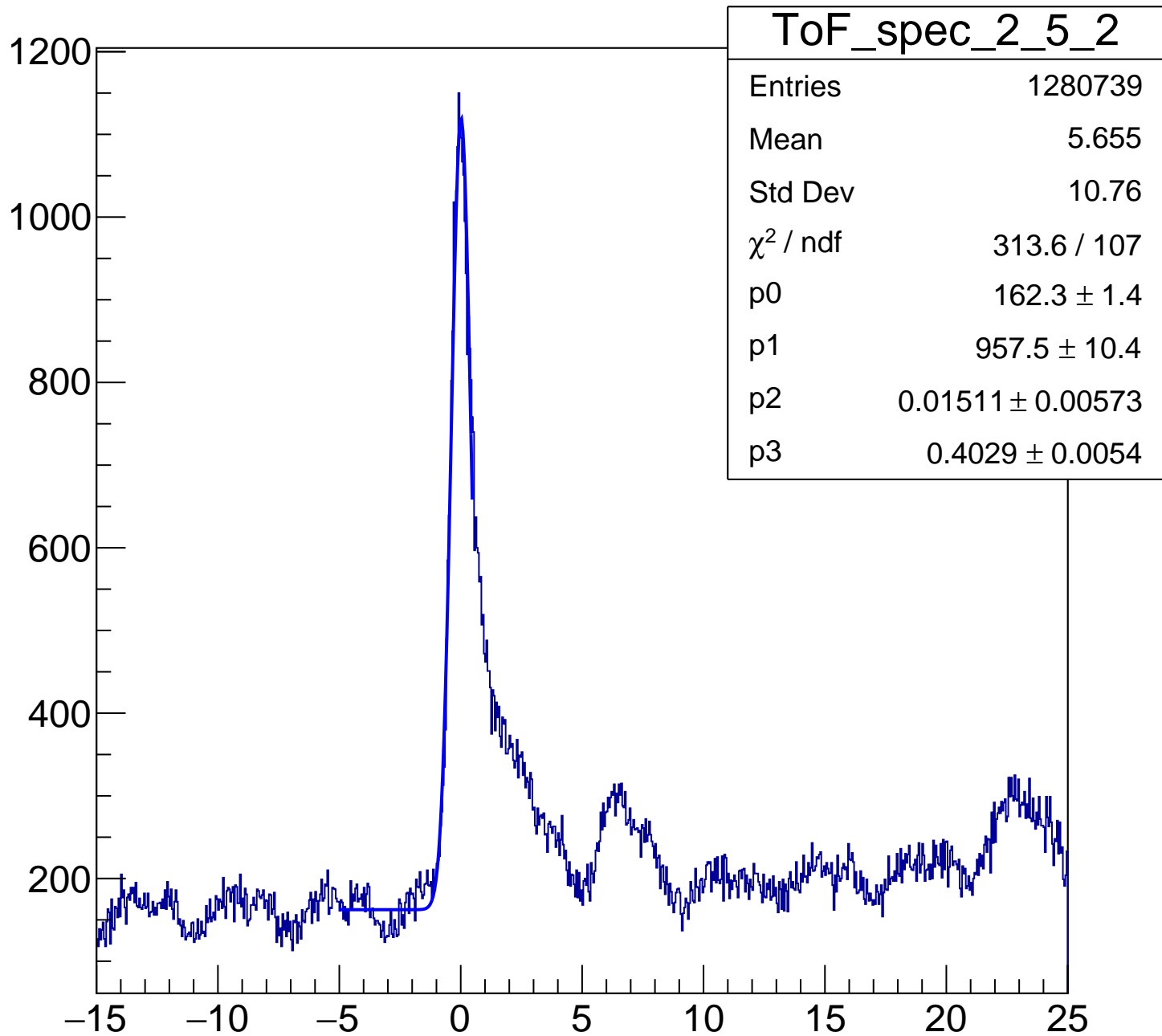
# ToF\_spec\_2\_4\_7



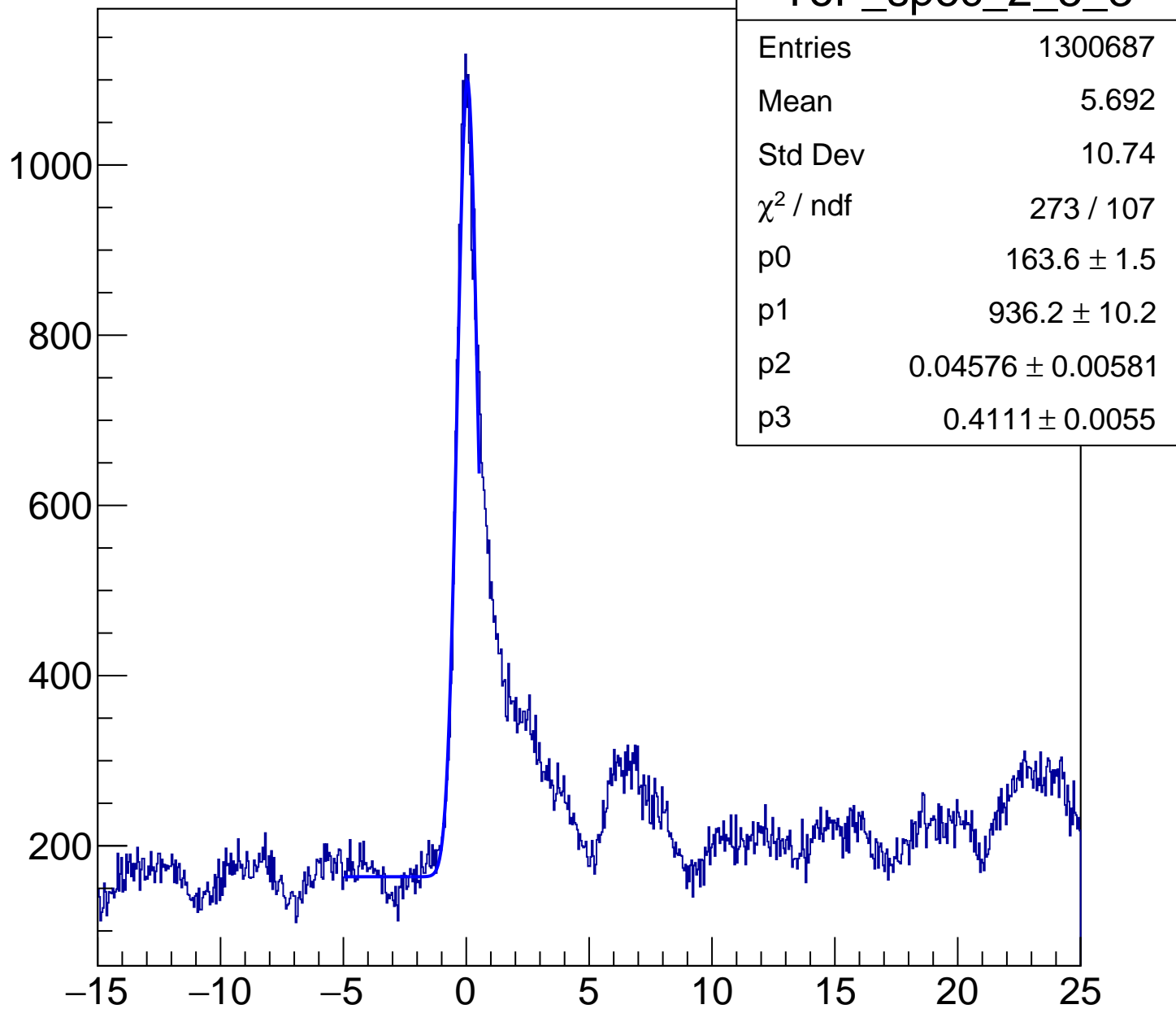
# ToF\_spec\_2\_5\_1



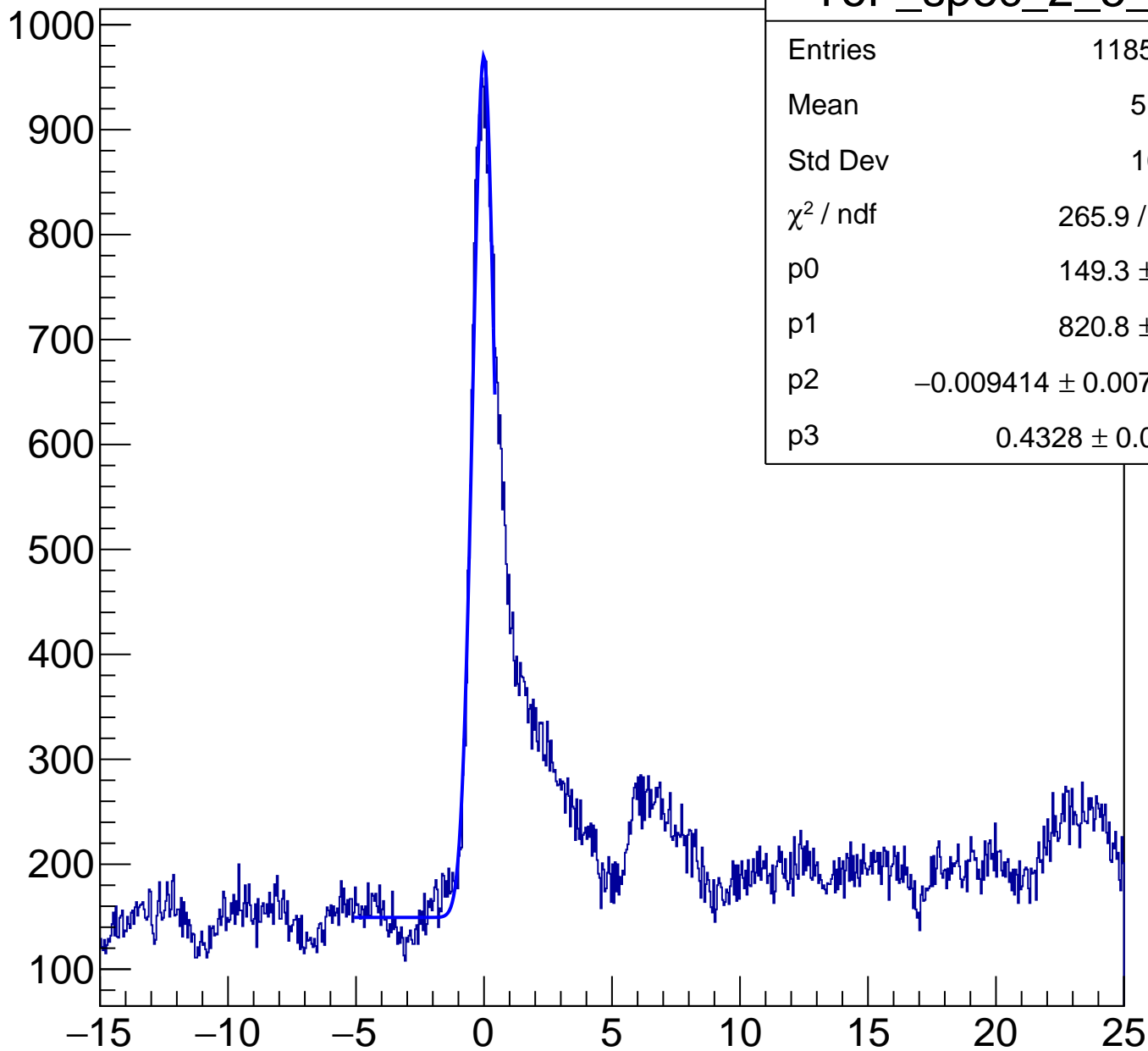
# ToF\_spec\_2\_5\_2



# ToF\_spec\_2\_5\_3

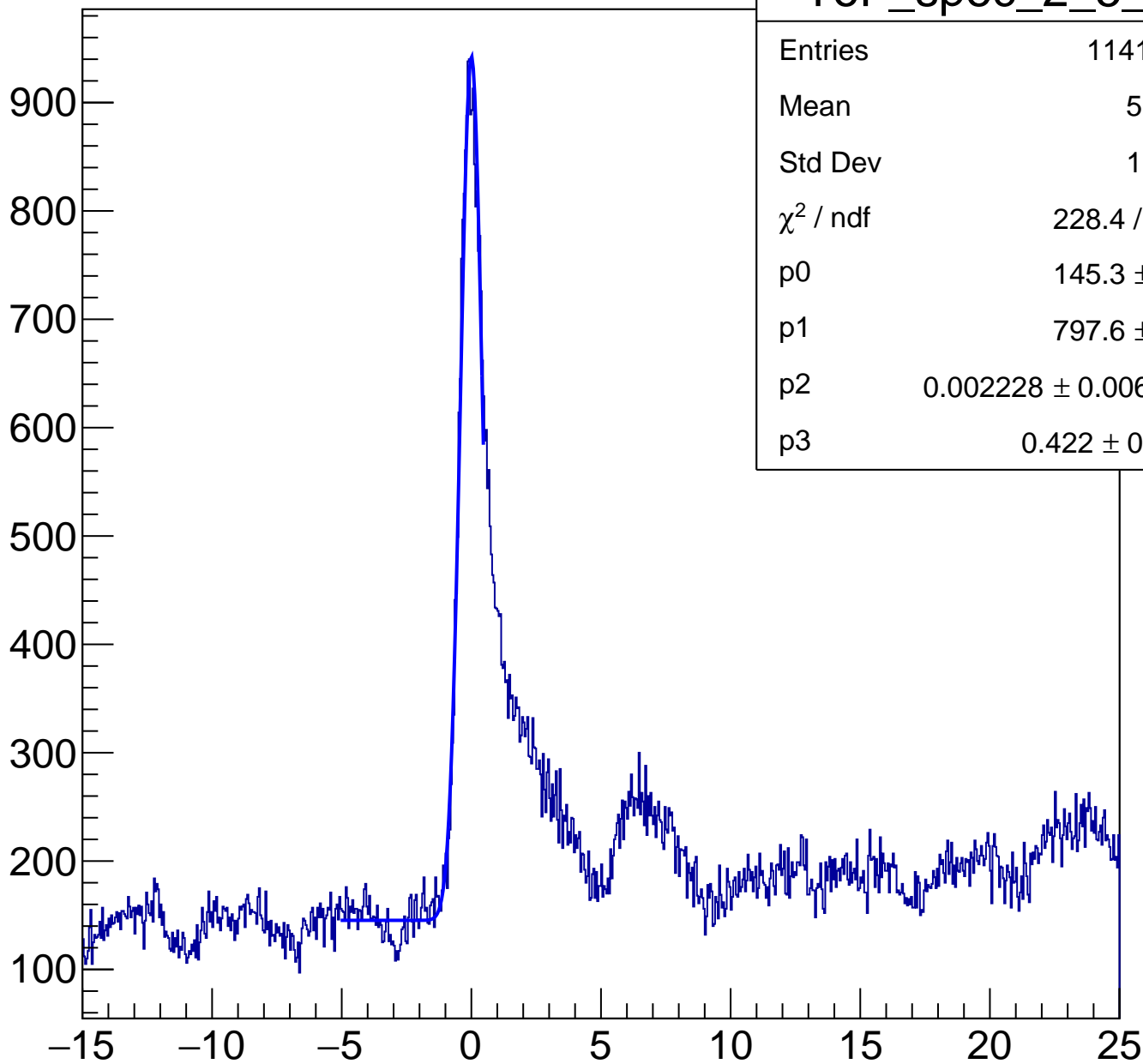


# ToF\_spec\_2\_5\_4

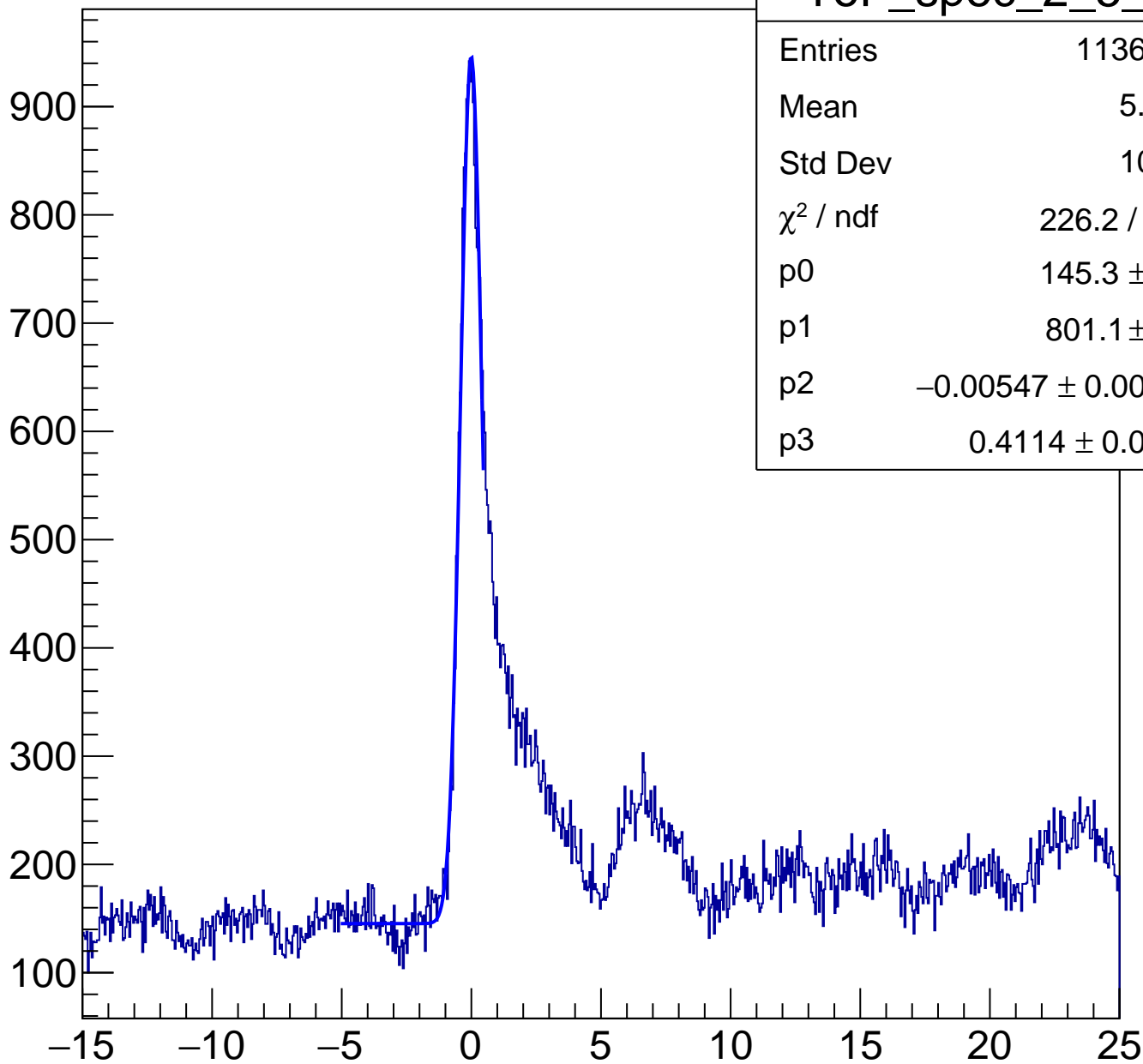




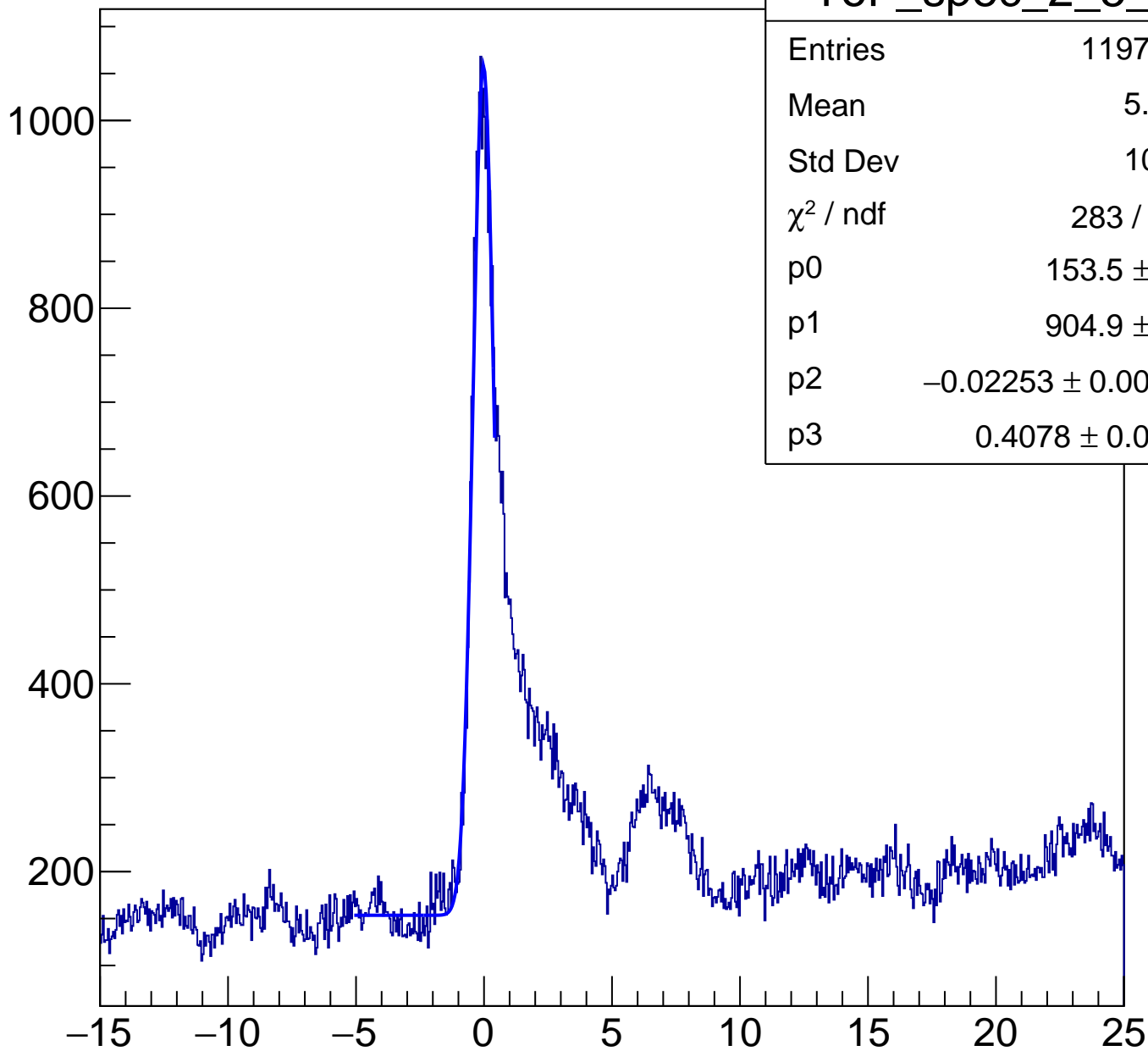
# ToF\_spec\_2\_5\_5



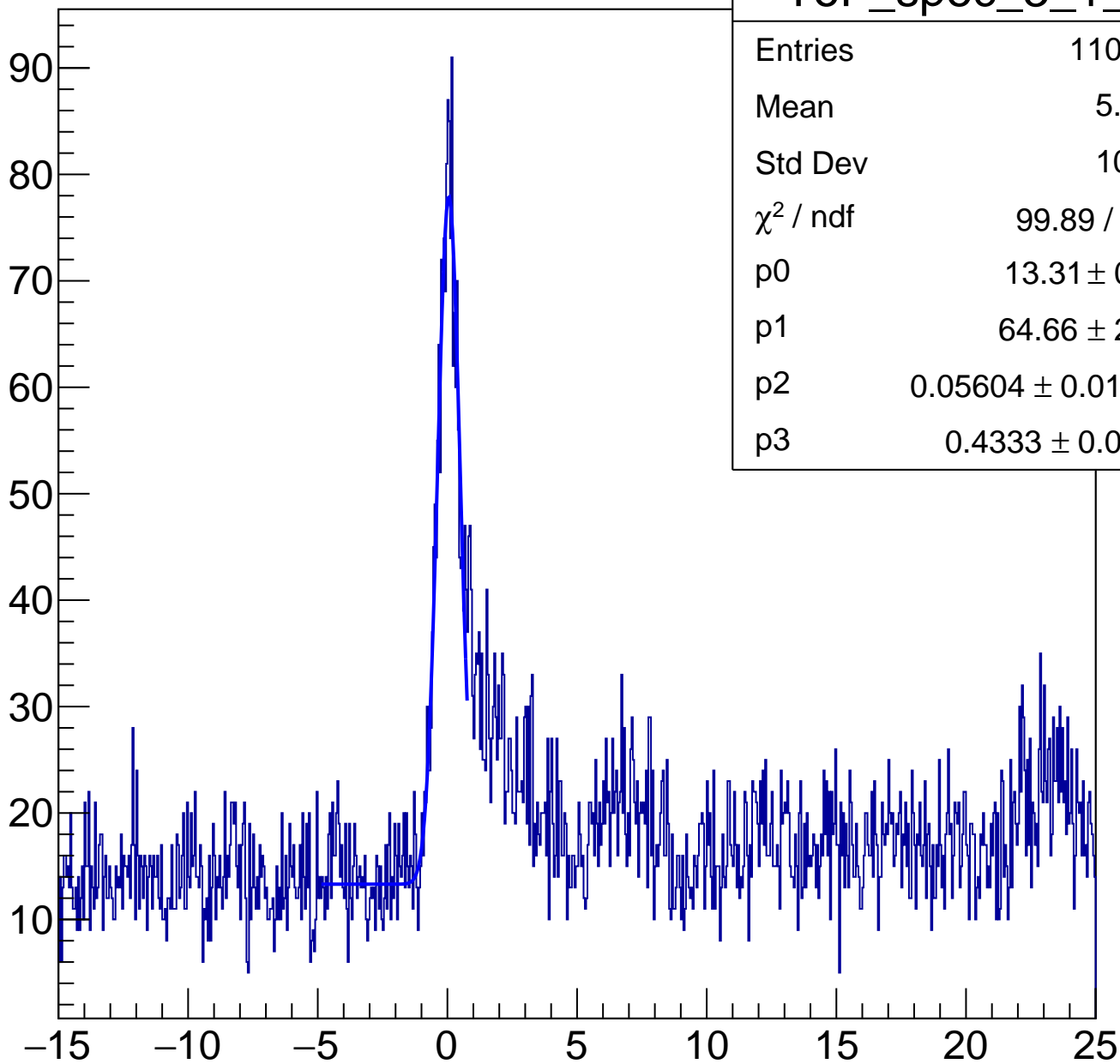
# ToF\_spec\_2\_5\_6



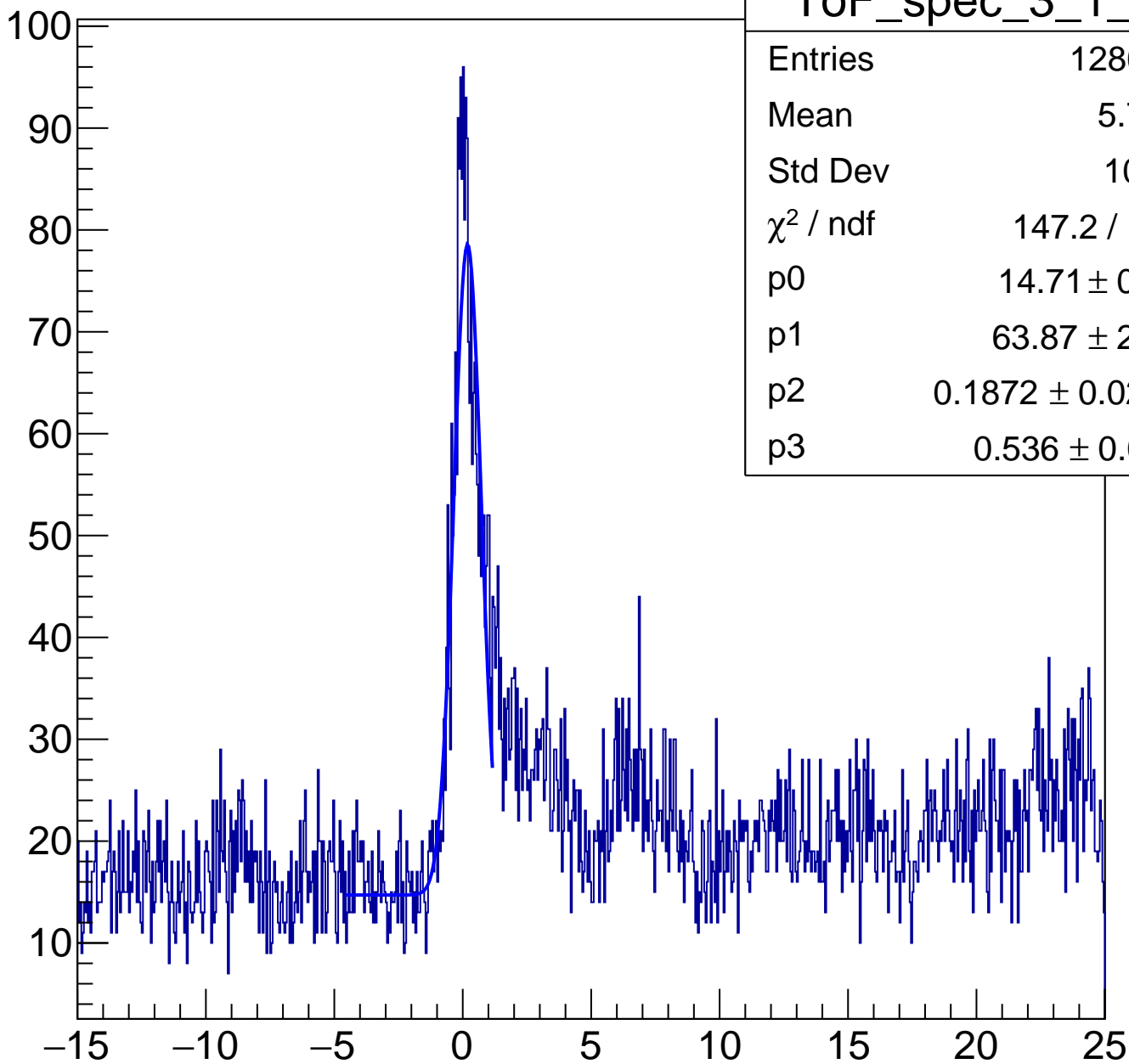
# ToF\_spec\_2\_5\_7



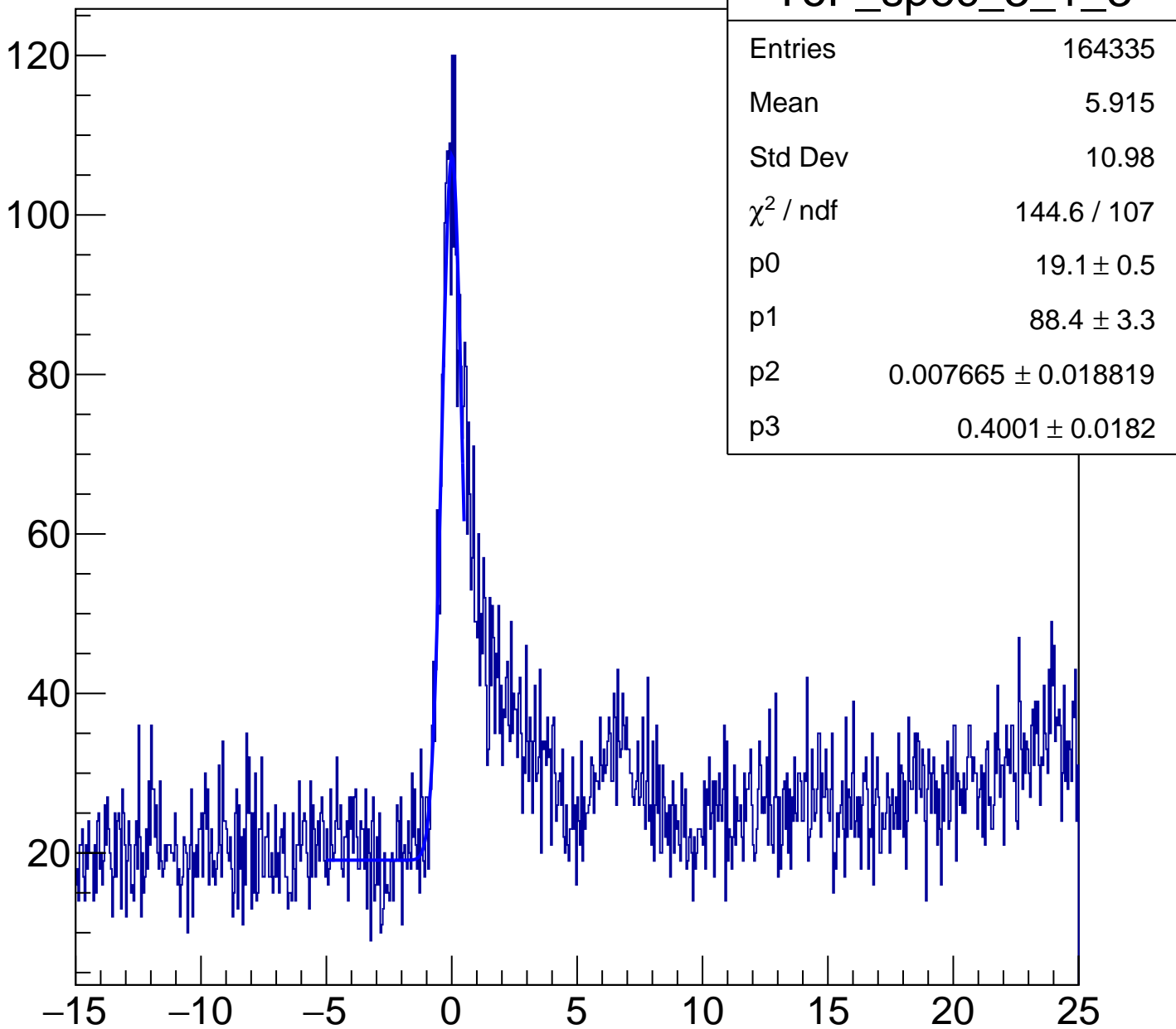
# ToF\_spec\_3\_1\_1



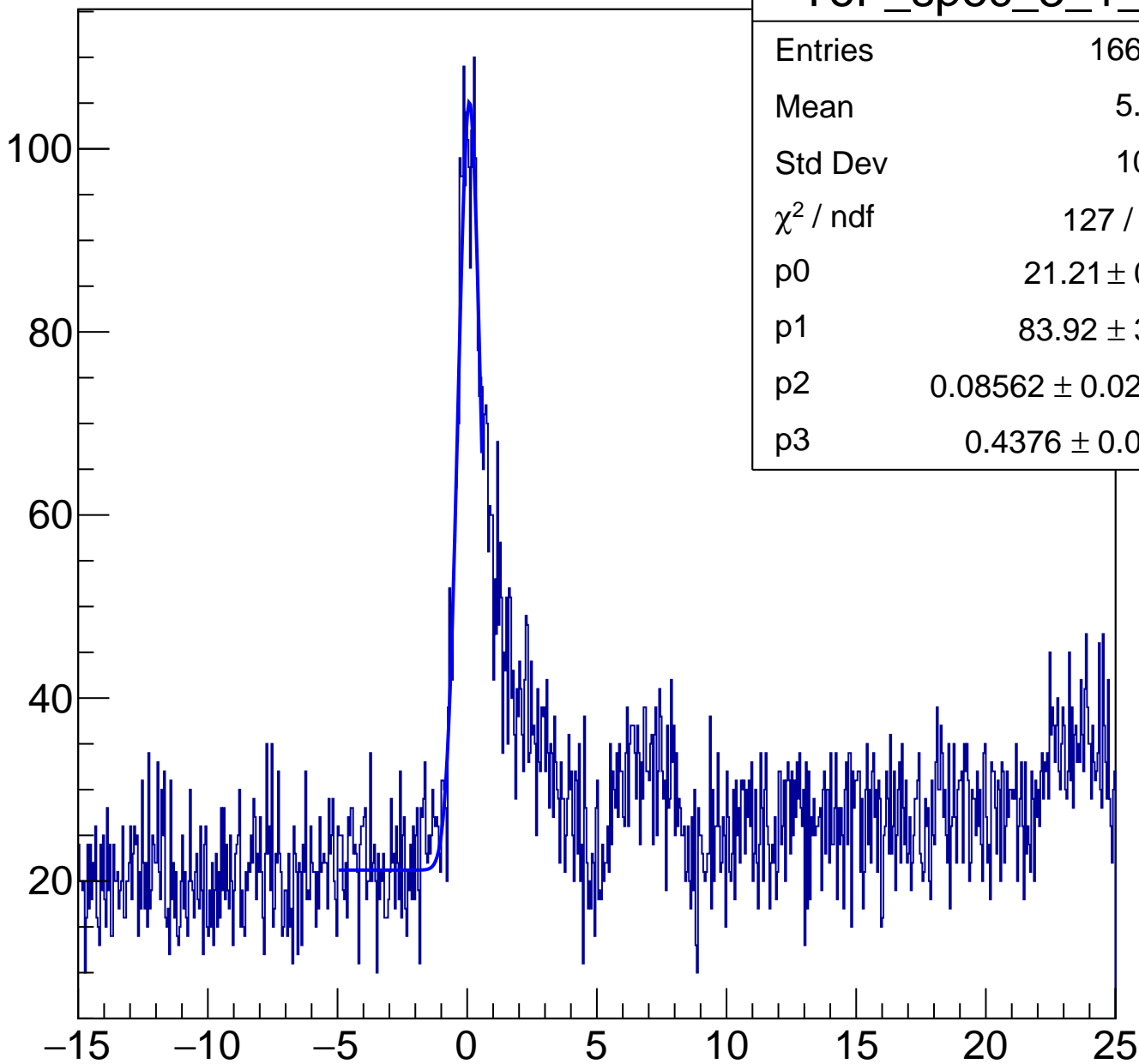
# ToF\_spec\_3\_1\_2



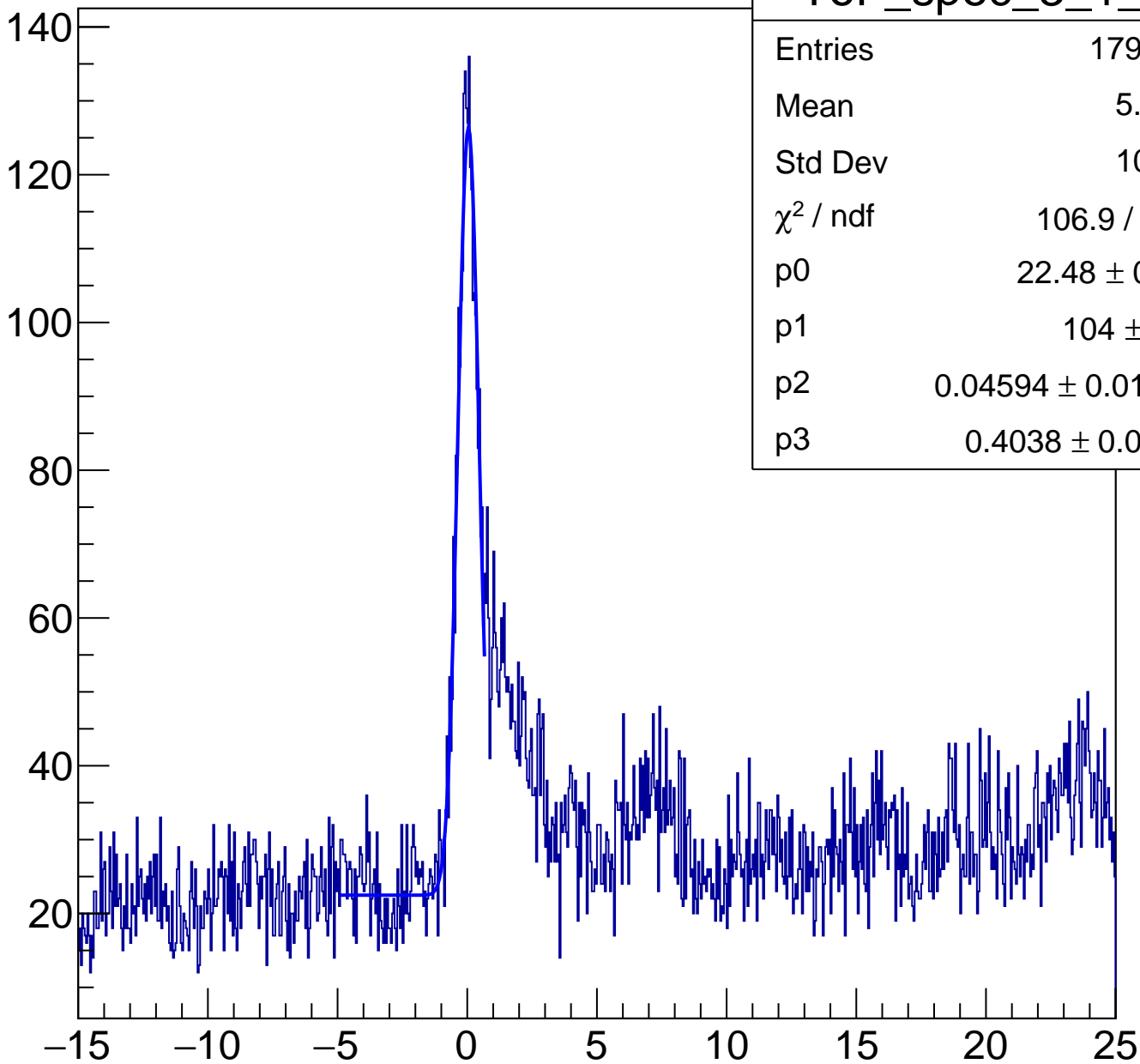
# ToF\_spec\_3\_1\_3



# ToF\_spec\_3\_1\_4



# ToF\_spec\_3\_1\_5

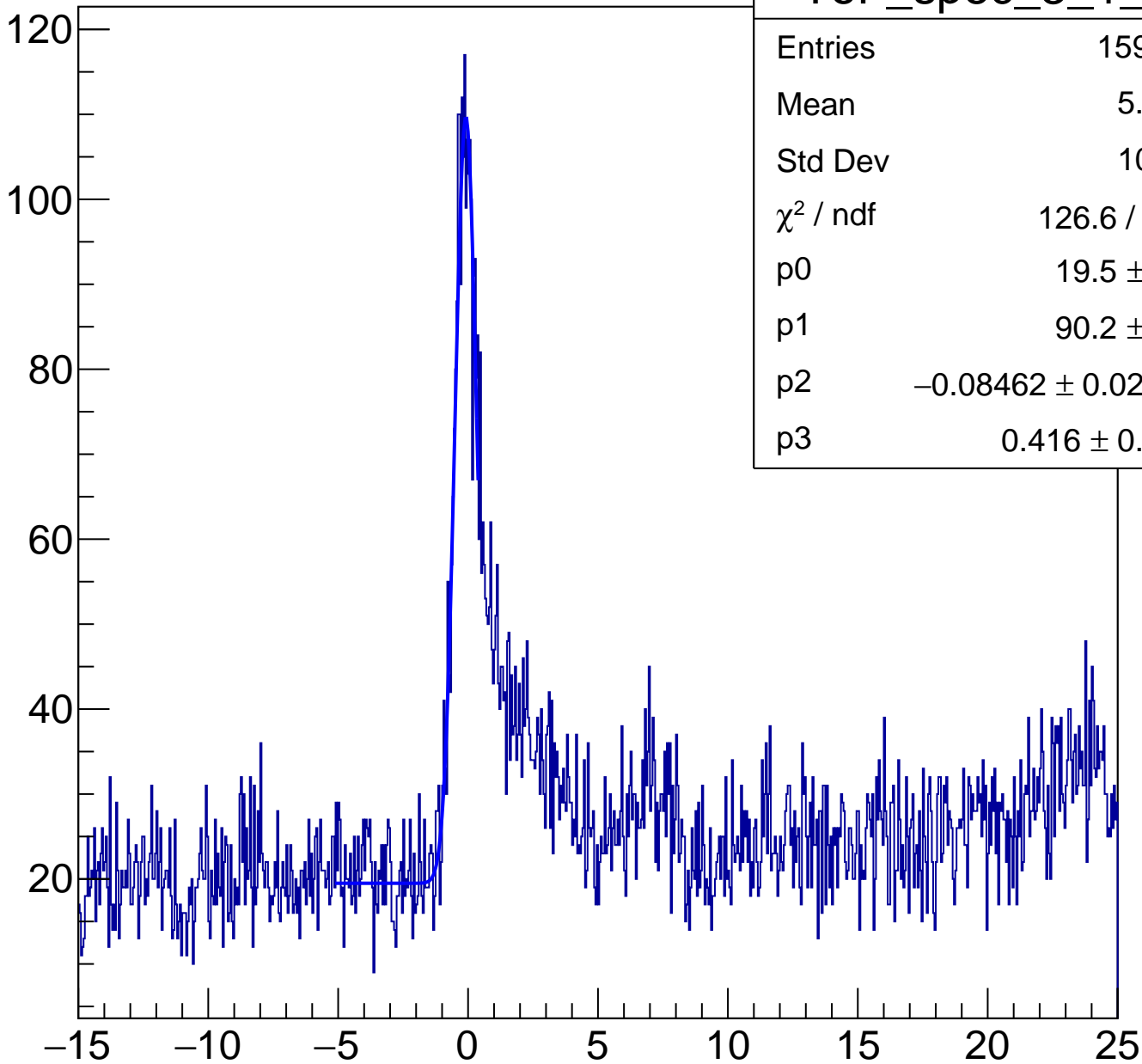


## ToF\_spec\_3\_1\_5

Entries	179646
Mean	5.877
Std Dev	10.88
$\chi^2 / \text{ndf}$	106.9 / 108
p0	$22.48 \pm 0.54$
p1	$104 \pm 3.5$
p2	$0.04594 \pm 0.01391$
p3	$0.4038 \pm 0.0140$



# ToF\_spec\_3\_1\_6



ToF\_spec\_3\_1\_6

Entries 159631

Mean 5.727

Std Dev 10.96

$\chi^2 / \text{ndf}$  126.6 / 107

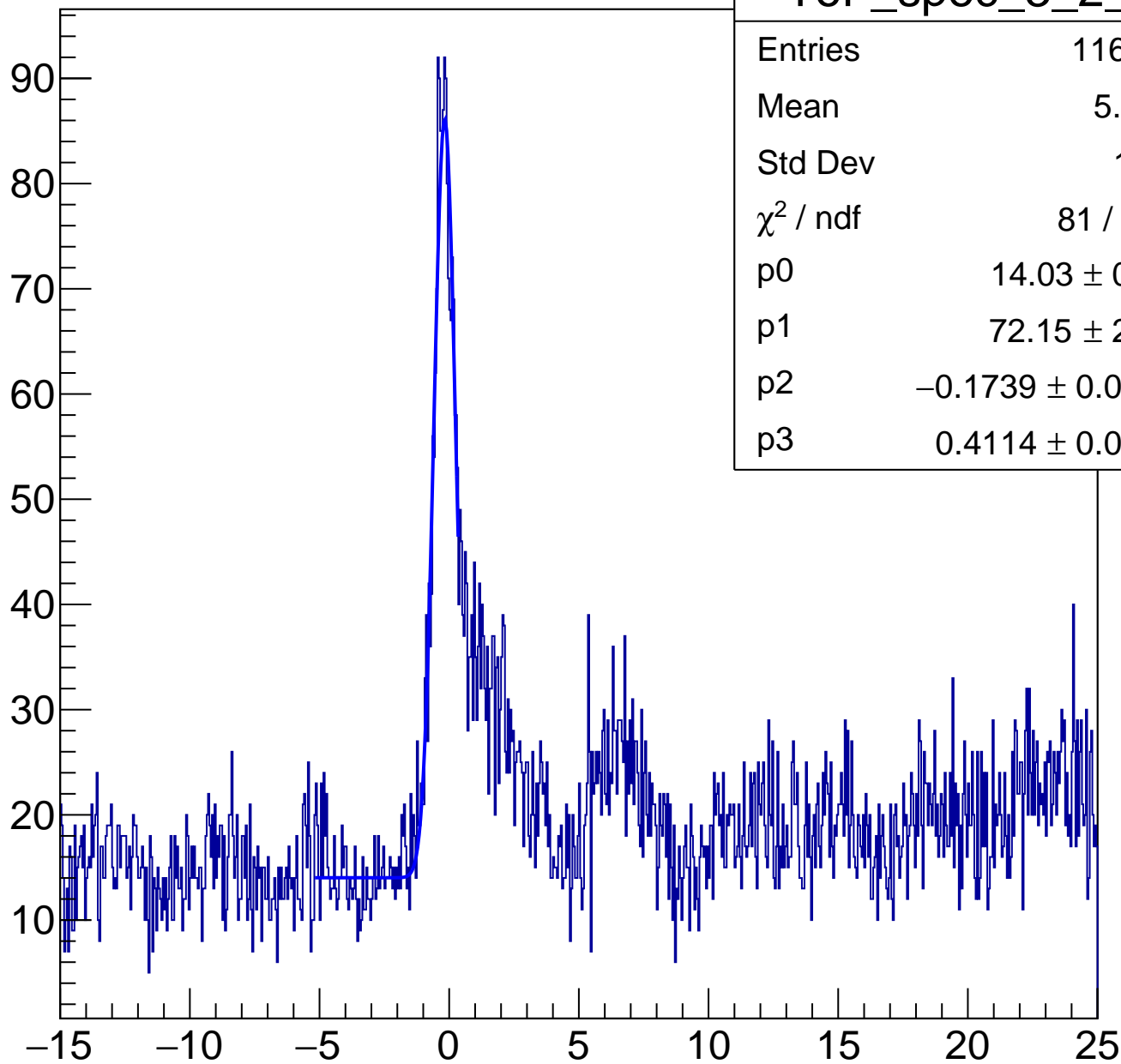
p0  $19.5 \pm 0.5$

p1  $90.2 \pm 3.2$

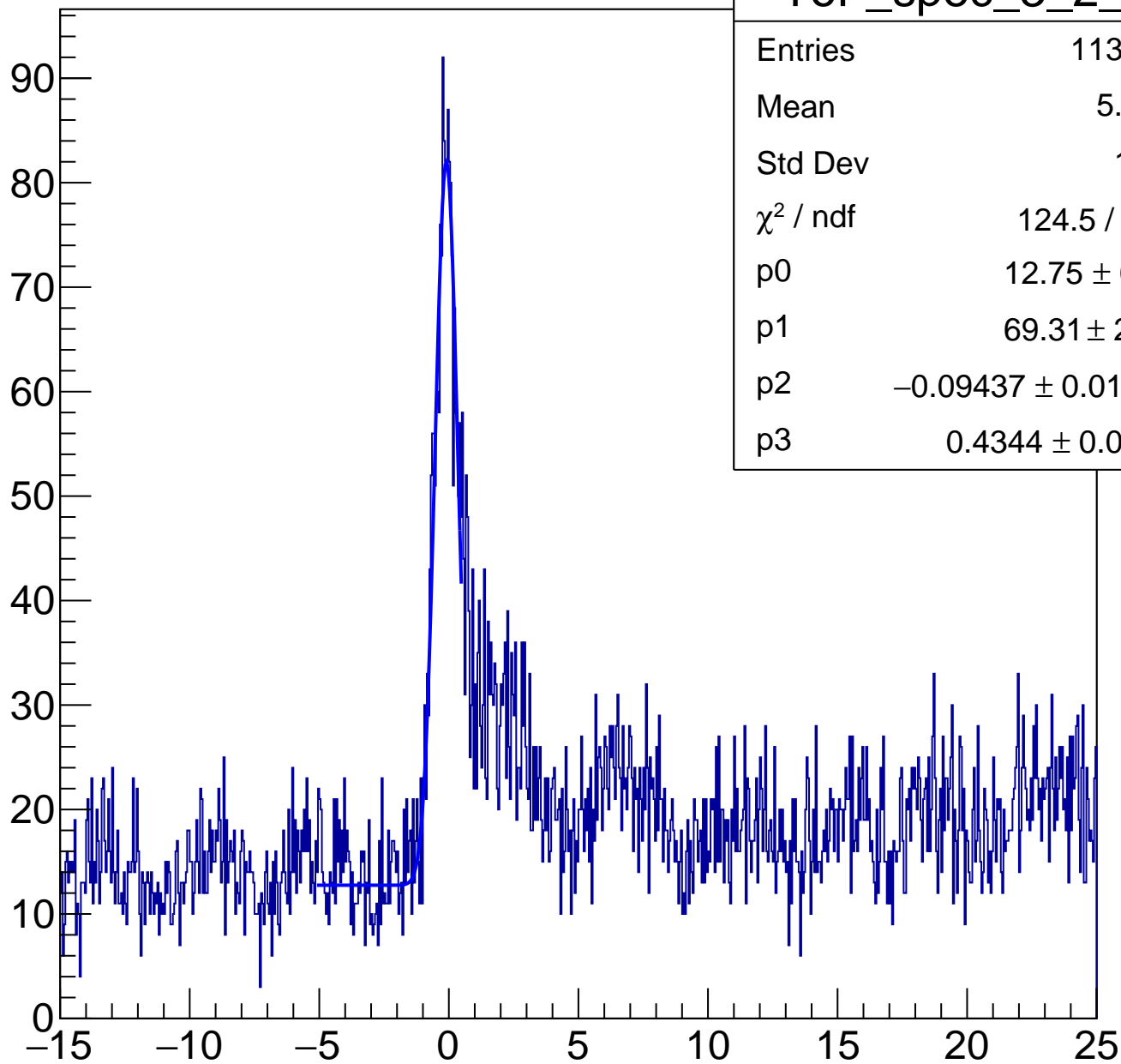
p2  $-0.08462 \pm 0.02029$

p3  $0.416 \pm 0.019$

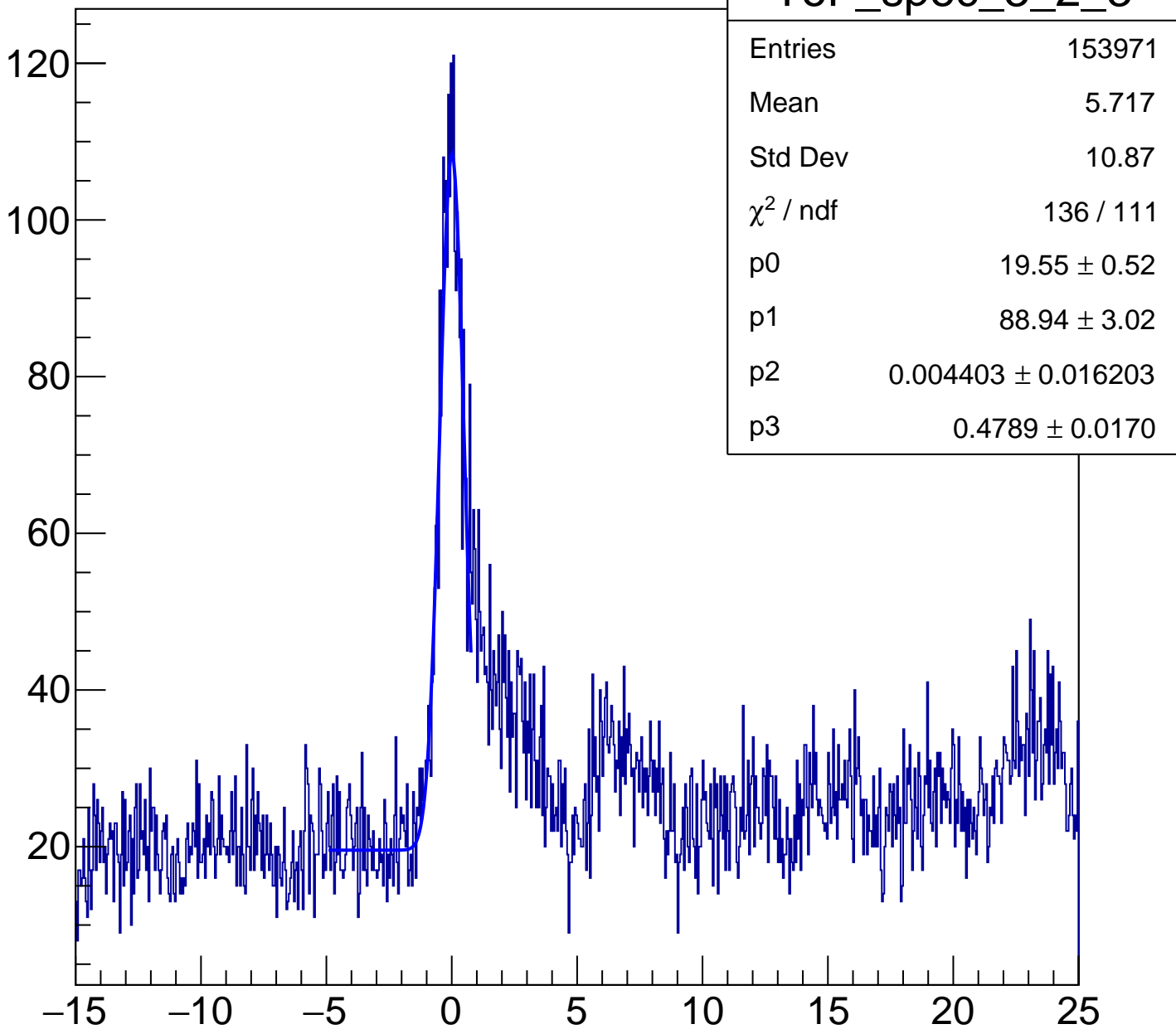
# ToF\_spec\_3\_2\_1



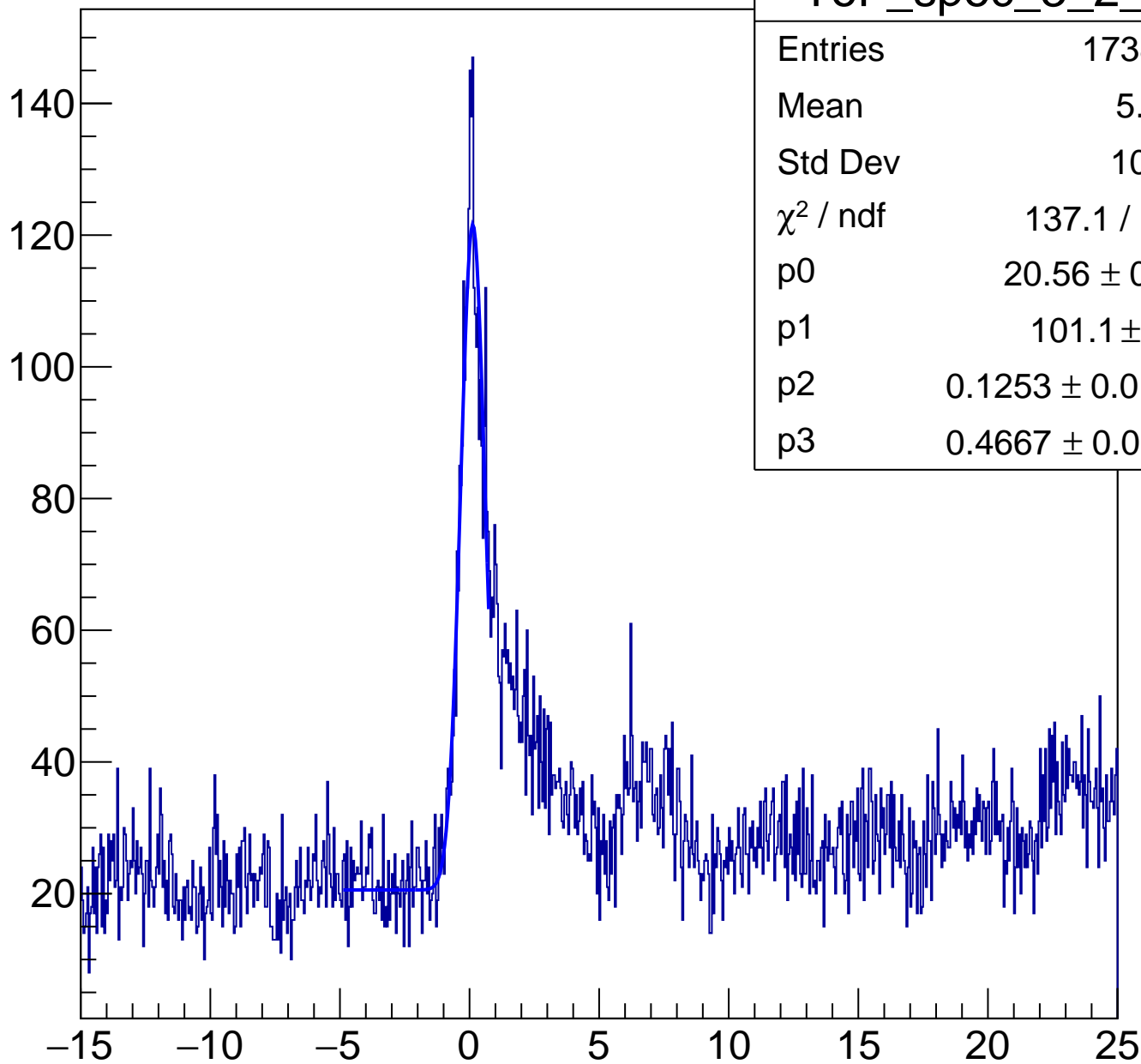
# ToF\_spec\_3\_2\_2



# ToF\_spec\_3\_2\_3



# ToF\_spec\_3\_2\_4



ToF\_spec\_3\_2\_4

Entries 173805

Mean 5.821

Std Dev 10.83

$\chi^2 / \text{ndf}$  137.1 / 109

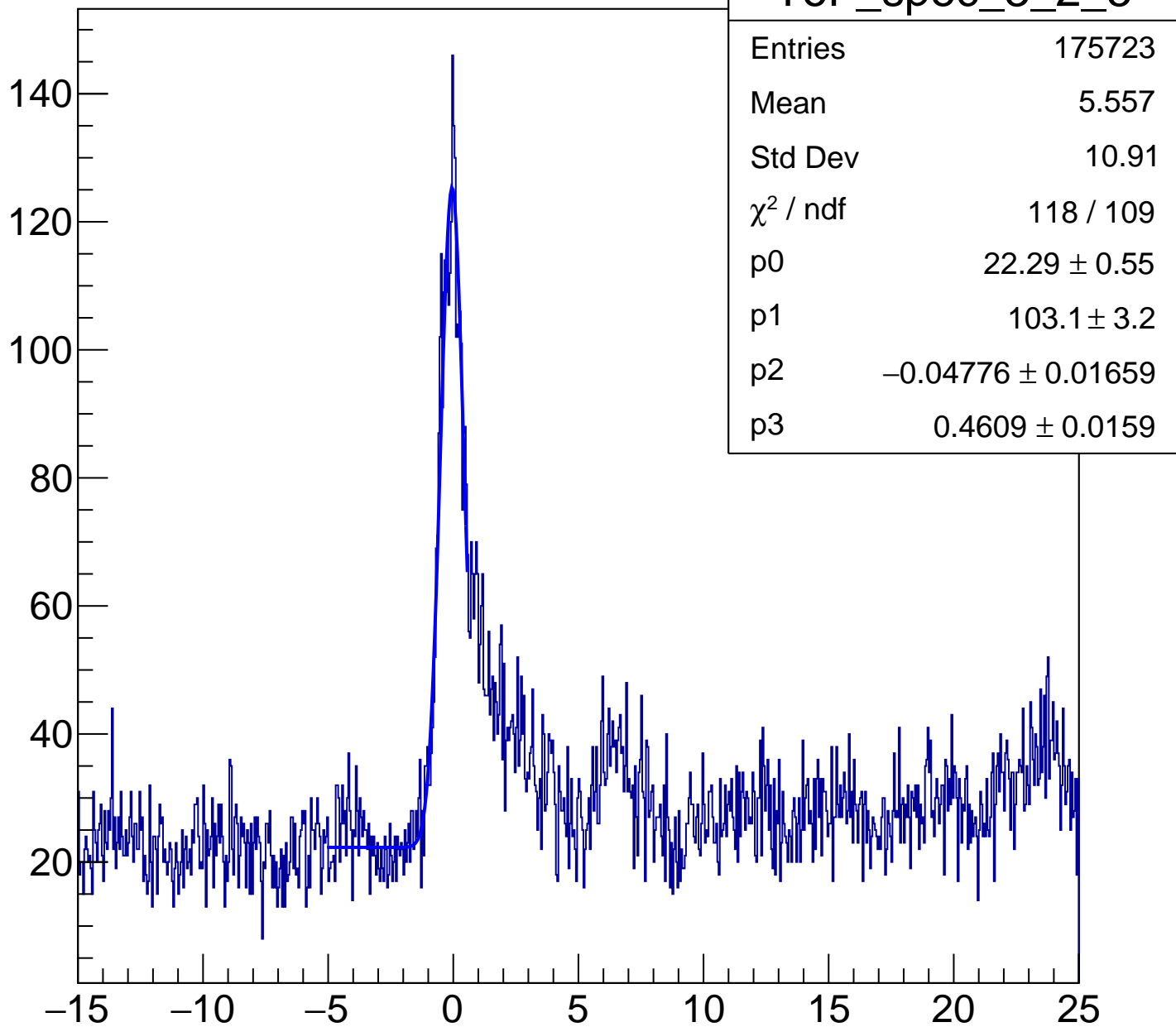
p0  $20.56 \pm 0.53$

p1  $101.1 \pm 3.3$

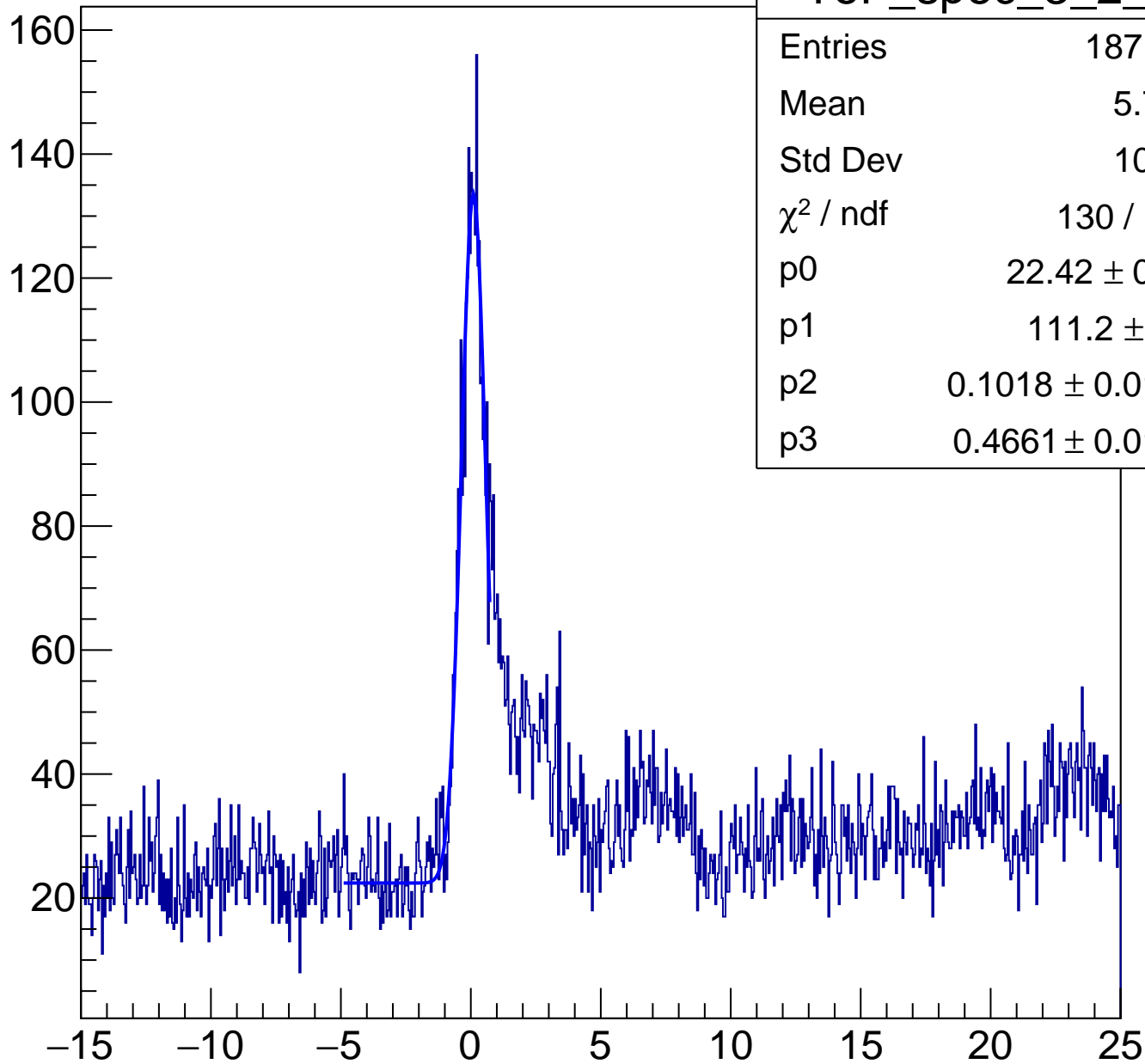
p2  $0.1253 \pm 0.0177$

p3  $0.4667 \pm 0.0179$

# ToF\_spec\_3\_2\_5



# ToF\_spec\_3\_2\_6



ToF\_spec\_3\_2\_6

Entries 187155

Mean 5.769

Std Dev 10.87

$\chi^2 / \text{ndf}$  130 / 109

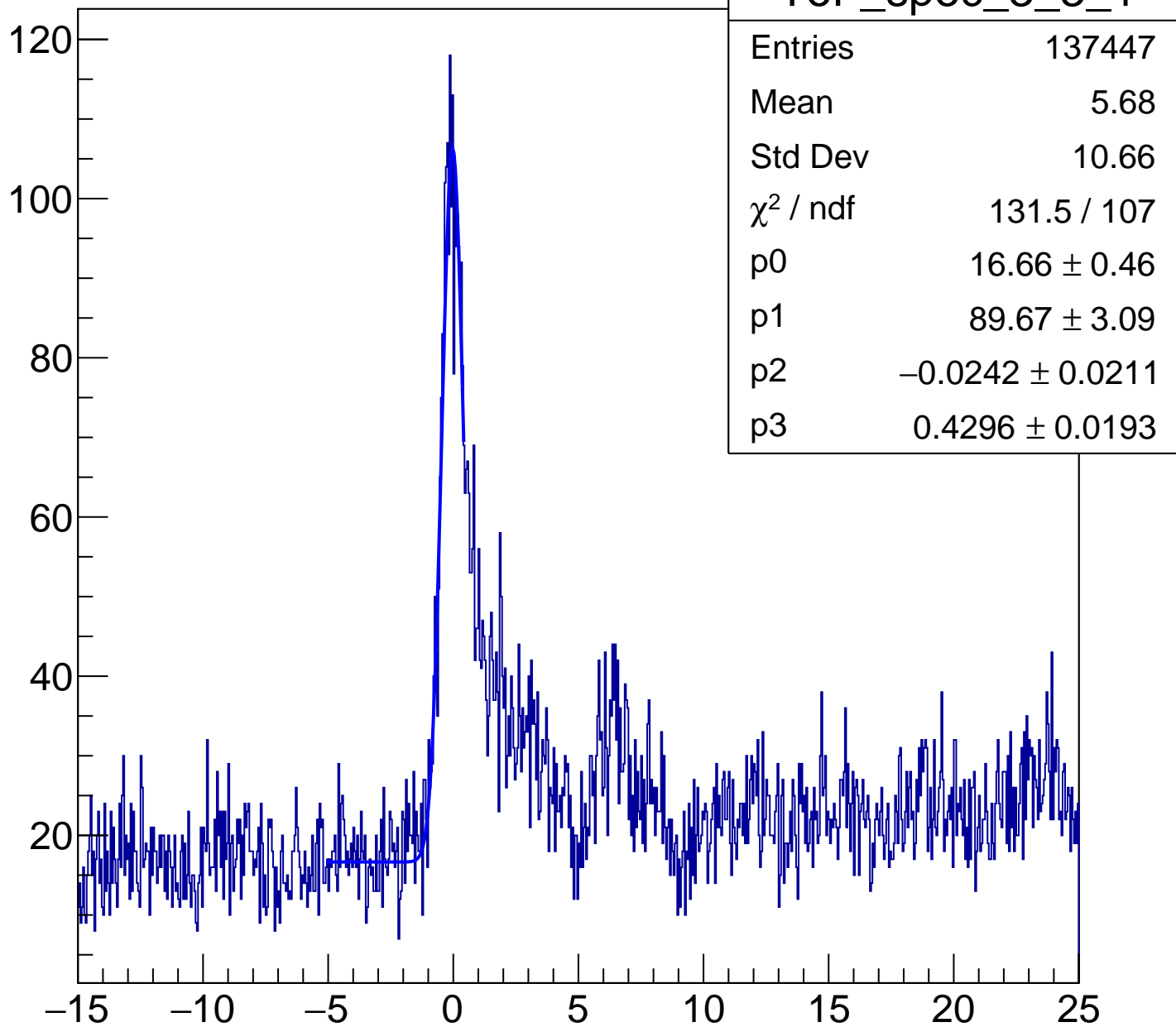
p0  $22.42 \pm 0.55$

p1  $111.2 \pm 3.3$

p2  $0.1018 \pm 0.0157$

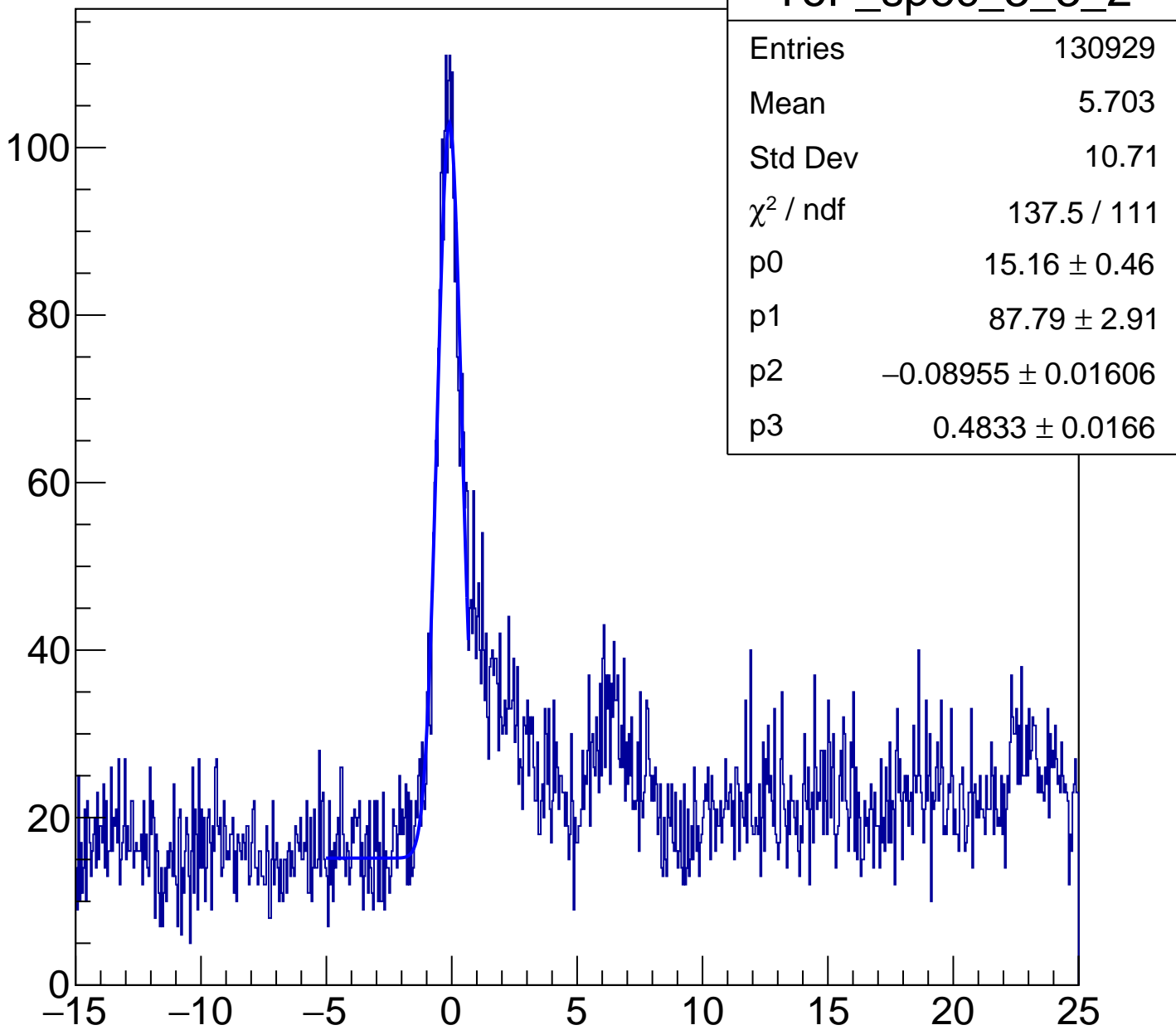
p3  $0.4661 \pm 0.0156$

# ToF\_spec\_3\_3\_1

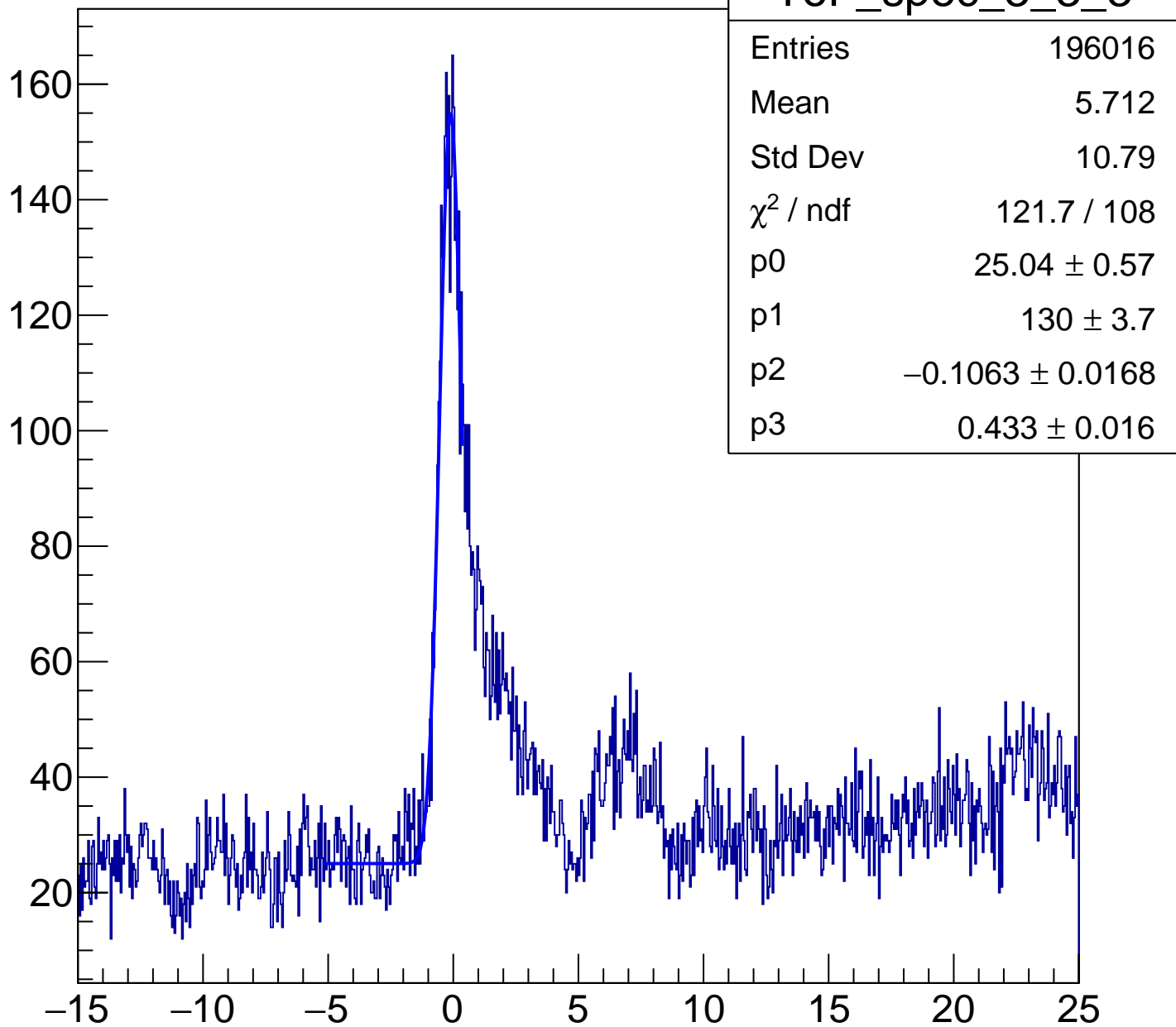




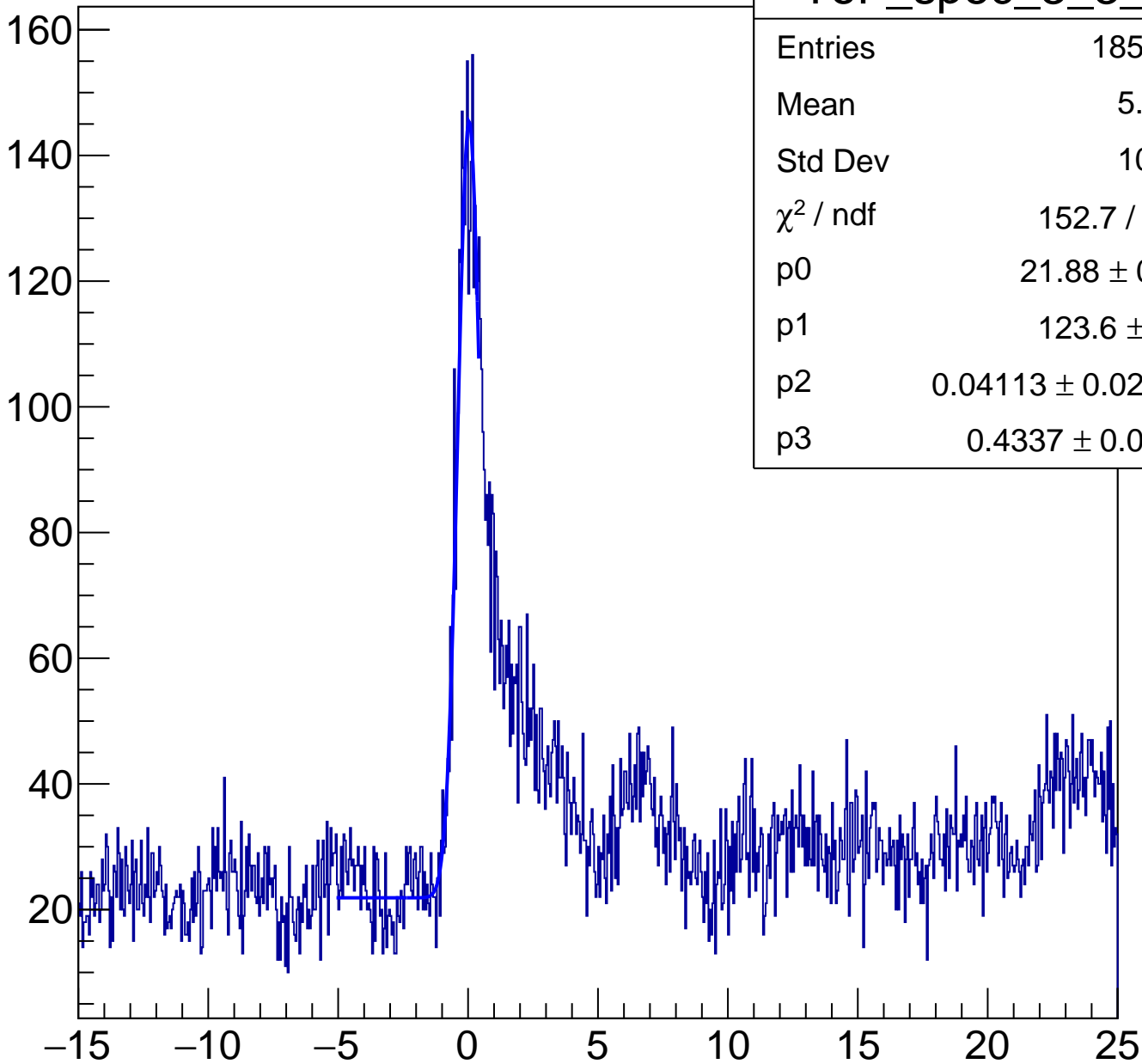
# ToF\_spec\_3\_3\_2



# ToF\_spec\_3\_3\_3



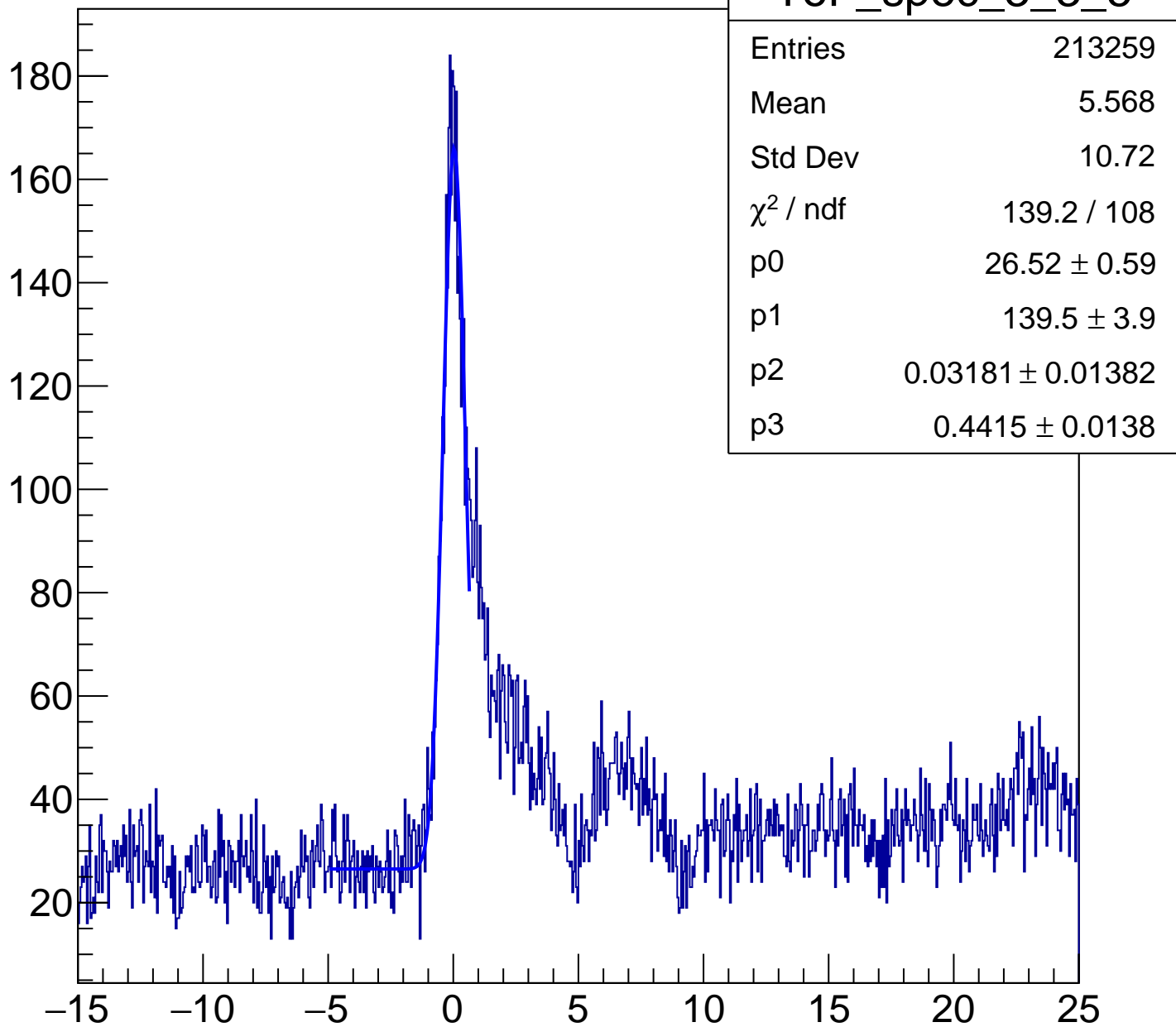
# ToF\_spec\_3\_3\_4



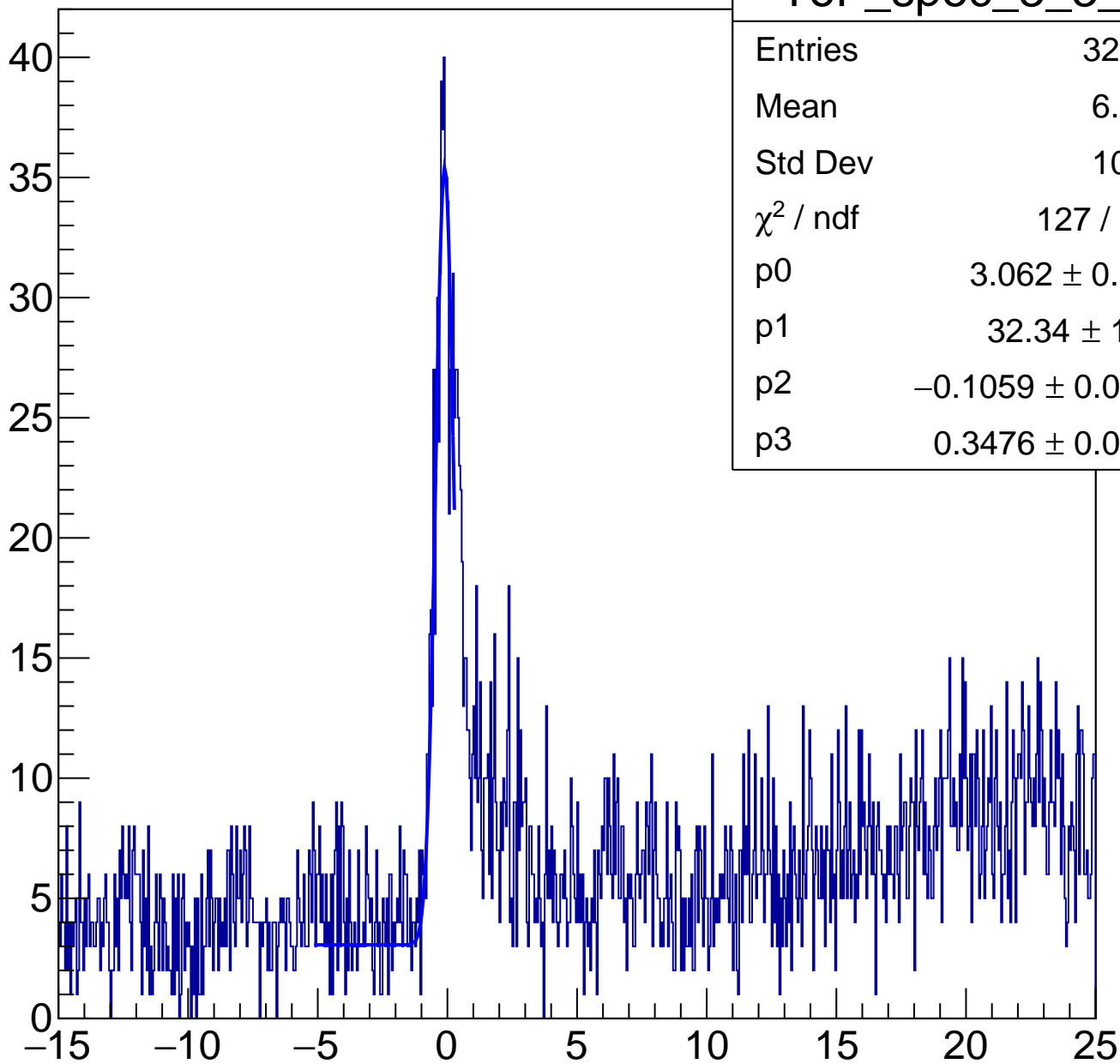
## ToF\_spec\_3\_3\_4

Entries	185677
Mean	5.772
Std Dev	10.77
$\chi^2 / \text{ndf}$	152.7 / 107
p0	$21.88 \pm 0.53$
p1	$123.6 \pm 3.5$
p2	$0.04113 \pm 0.02142$
p3	$0.4337 \pm 0.0174$

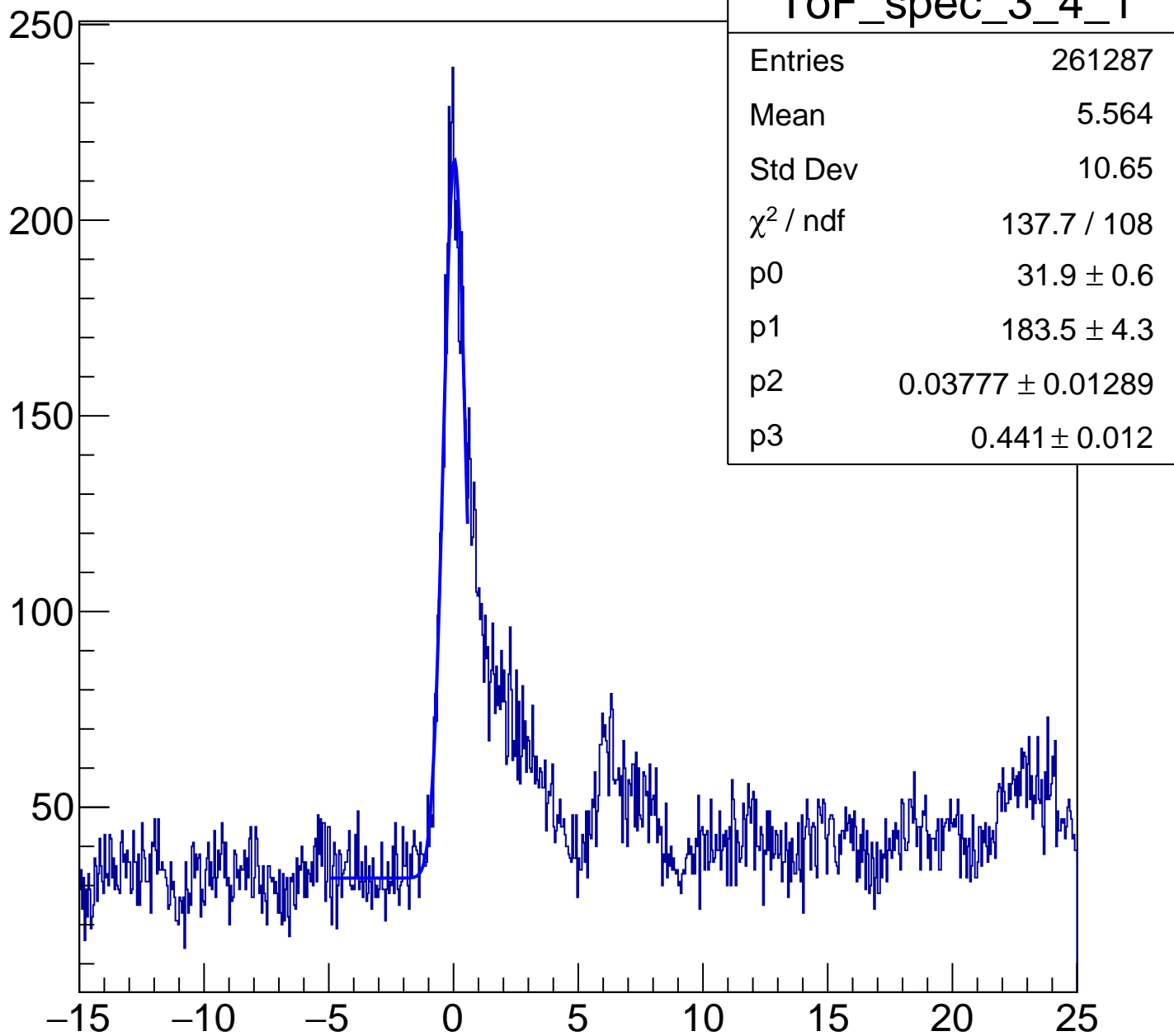
# ToF\_spec\_3\_3\_5



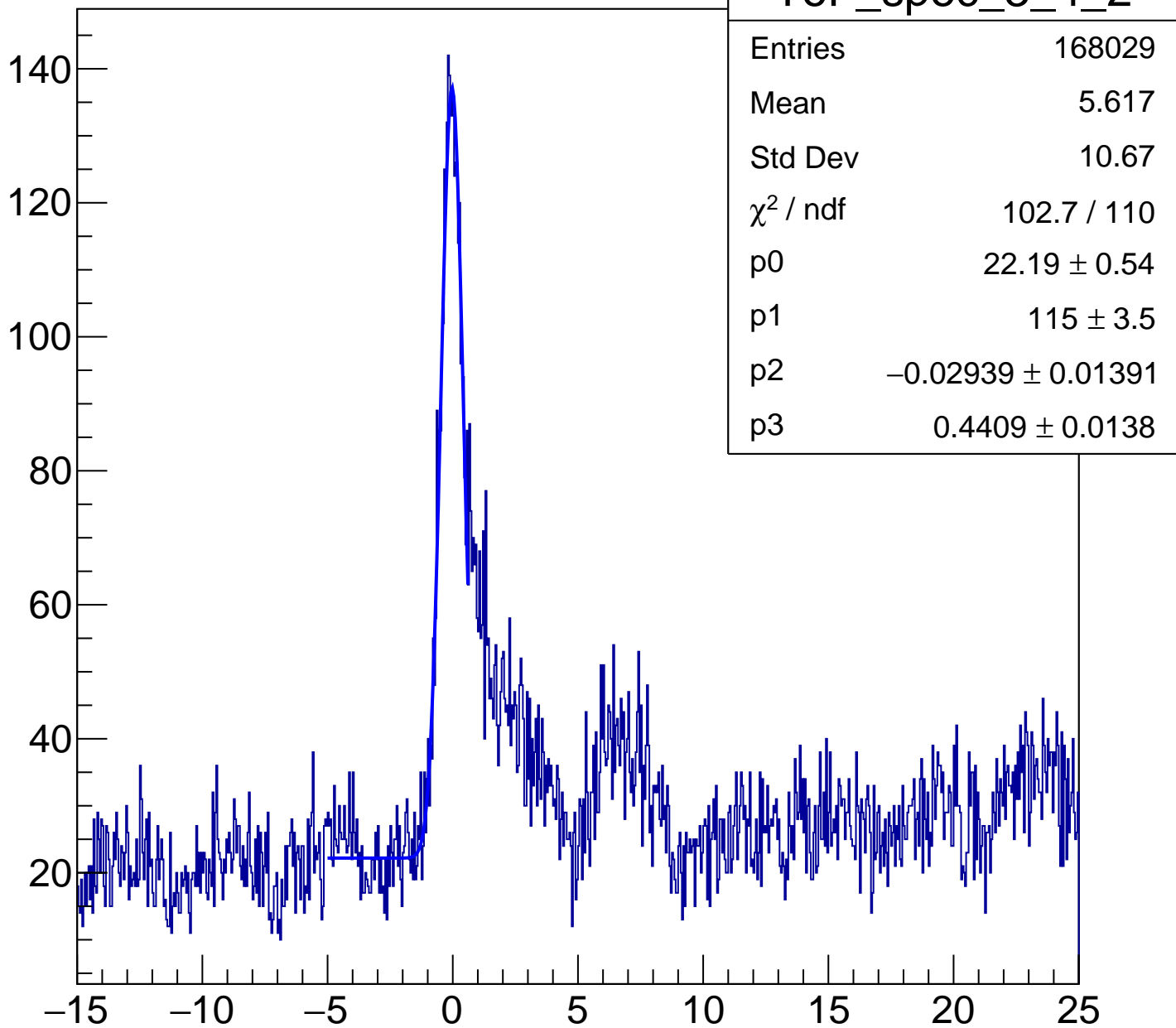
# ToF\_spec\_3\_3\_6



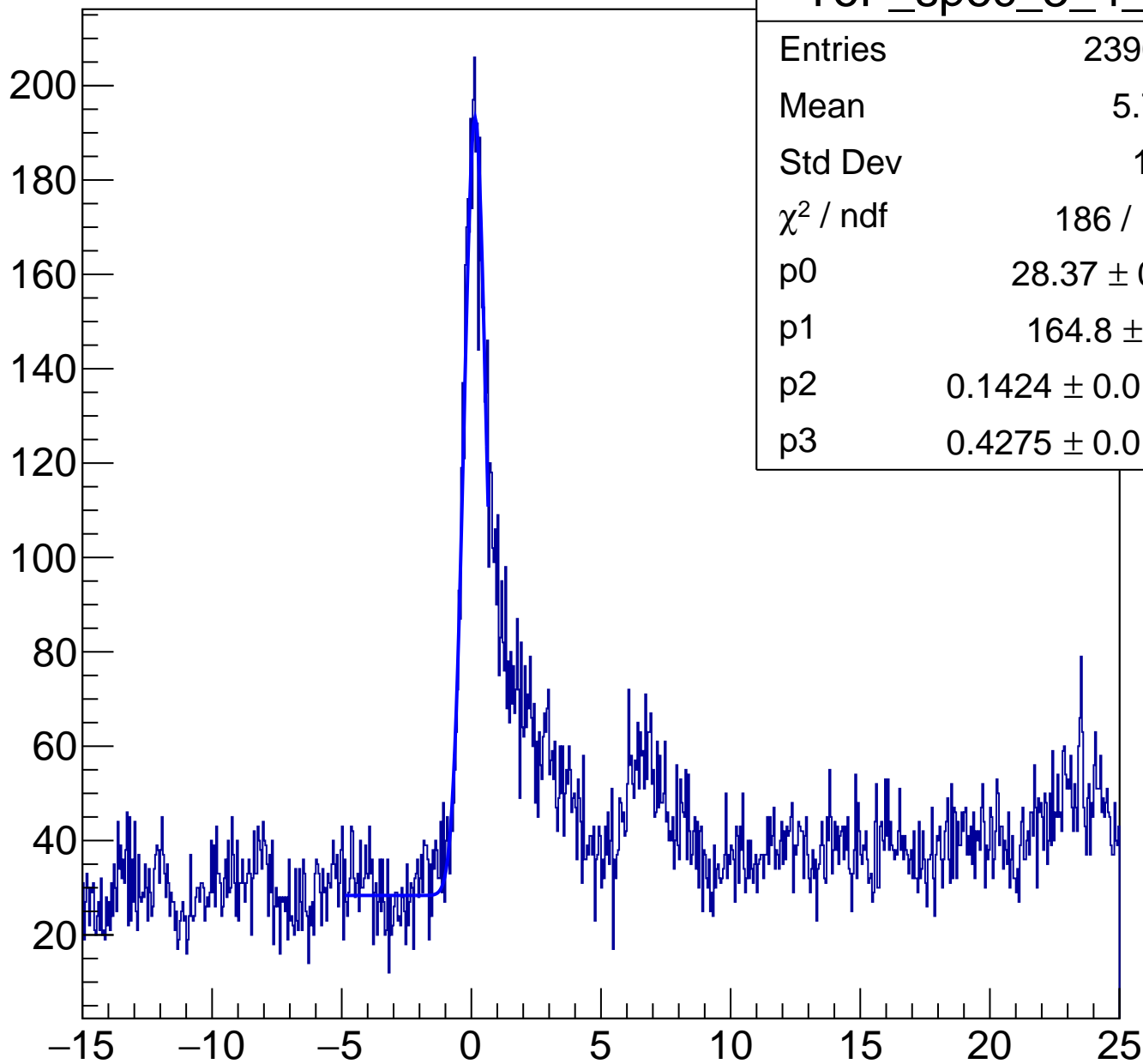
# ToF\_spec\_3\_4\_1



# ToF\_spec\_3\_4\_2

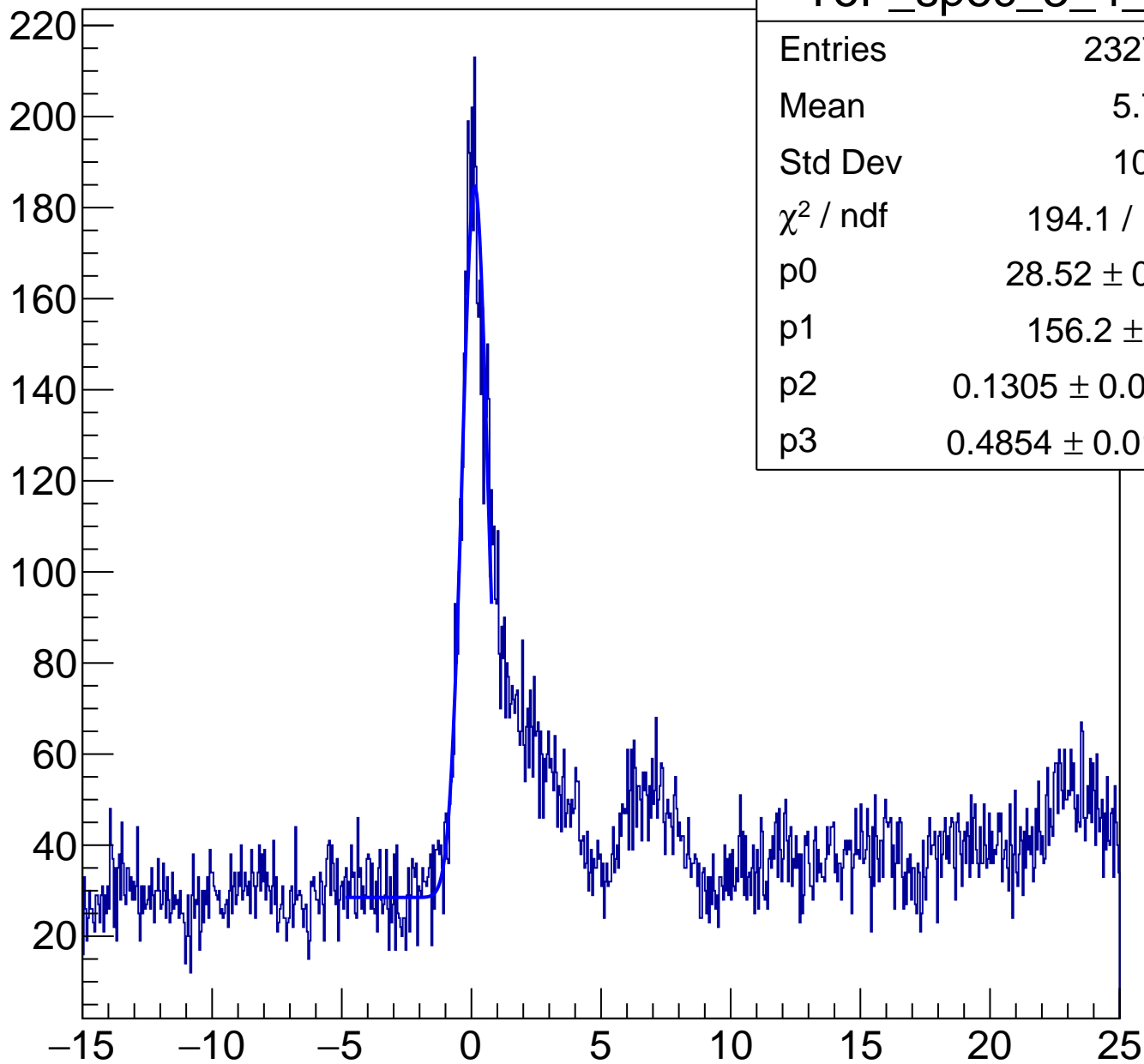


# ToF\_spec\_3\_4\_3

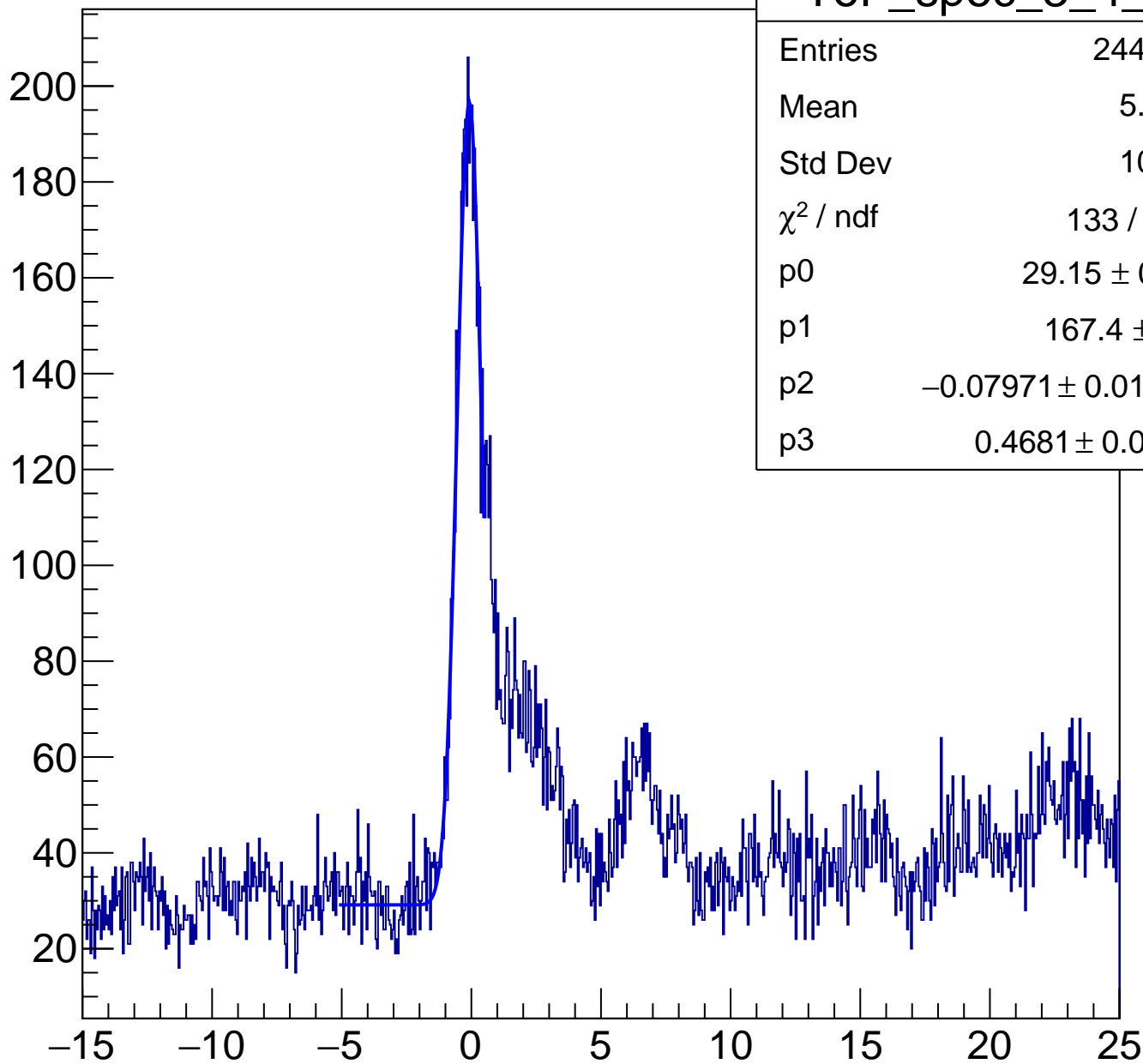




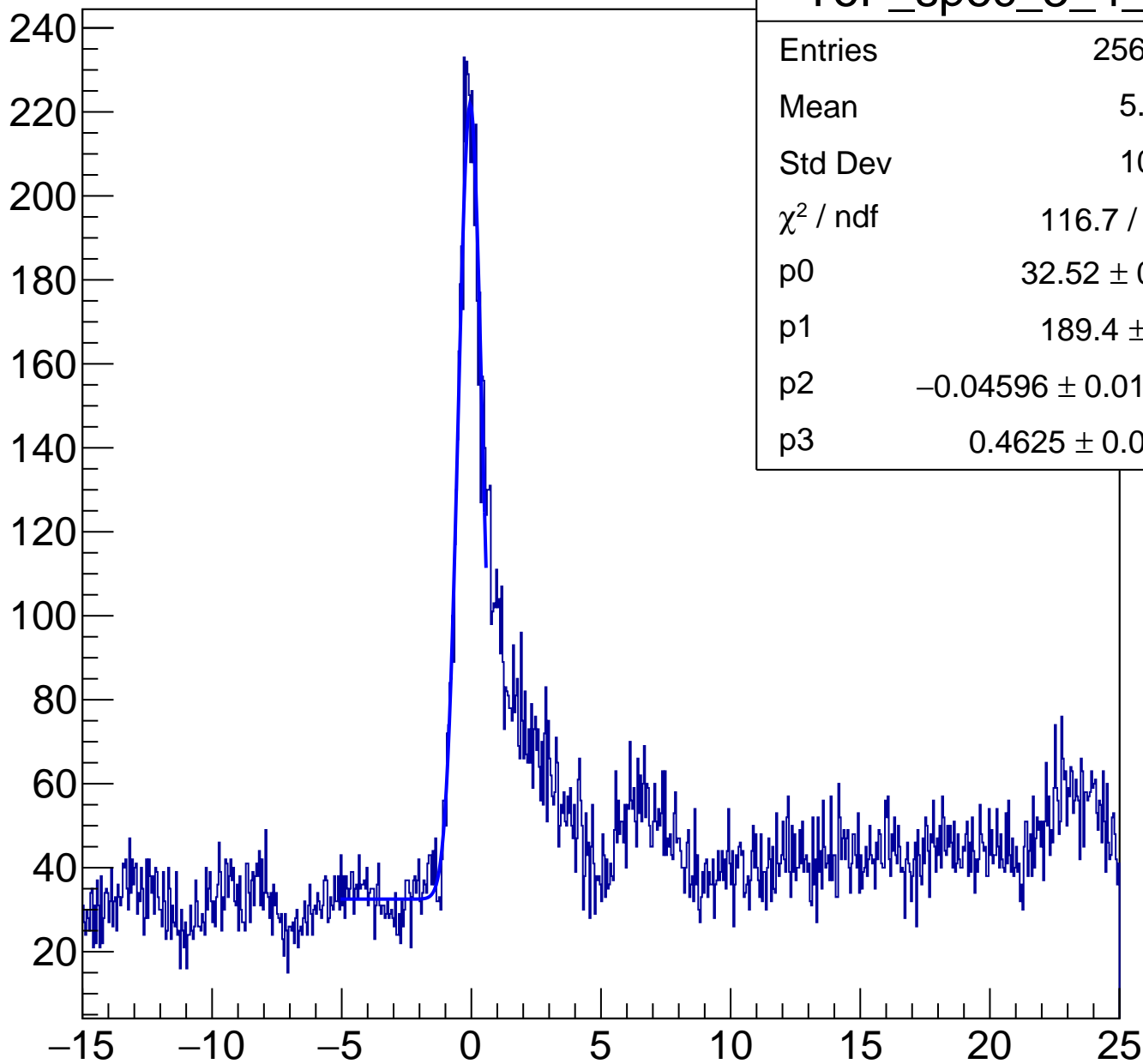
# ToF\_spec\_3\_4\_4



# ToF\_spec\_3\_4\_5



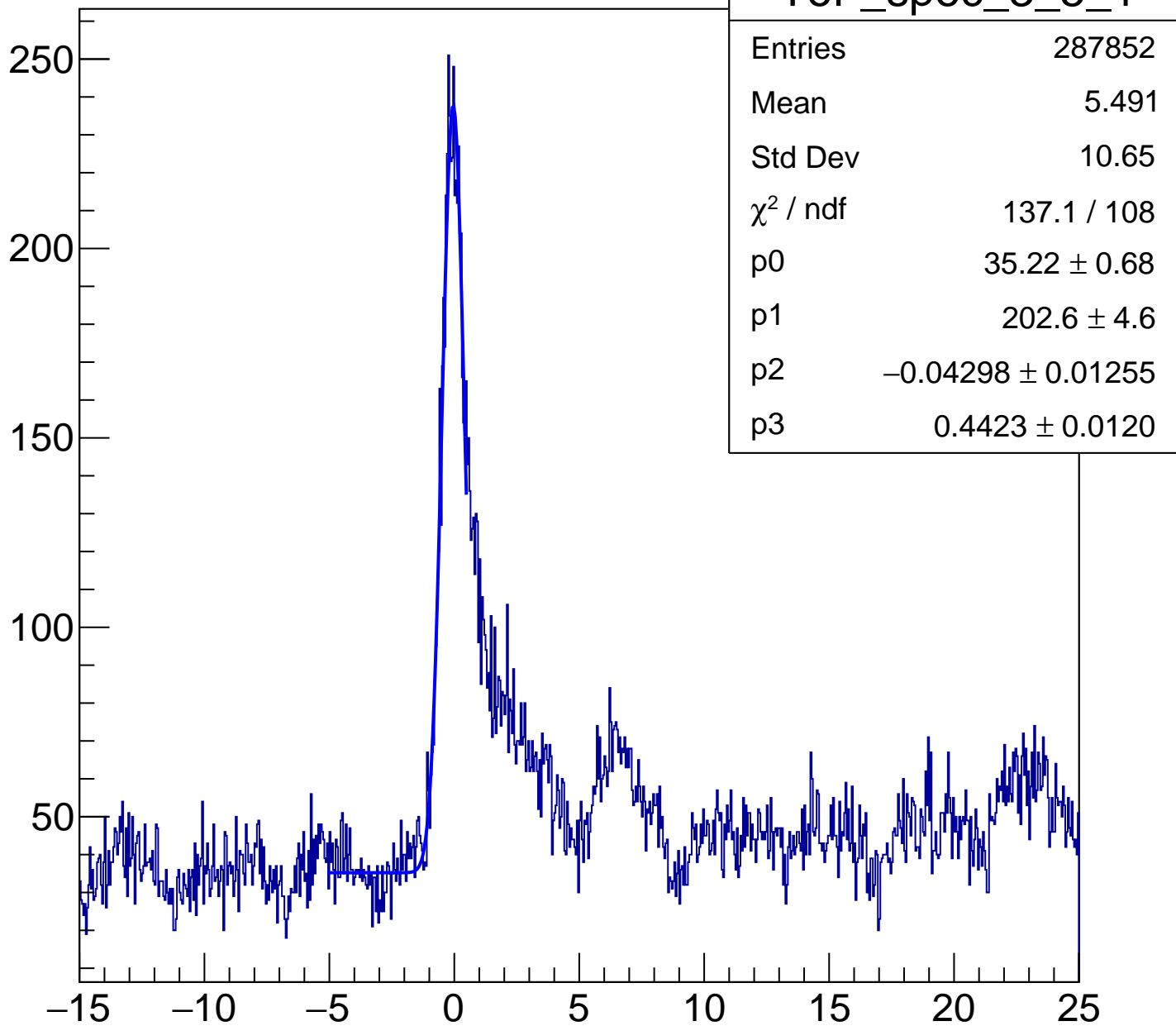
# ToF\_spec\_3\_4\_6



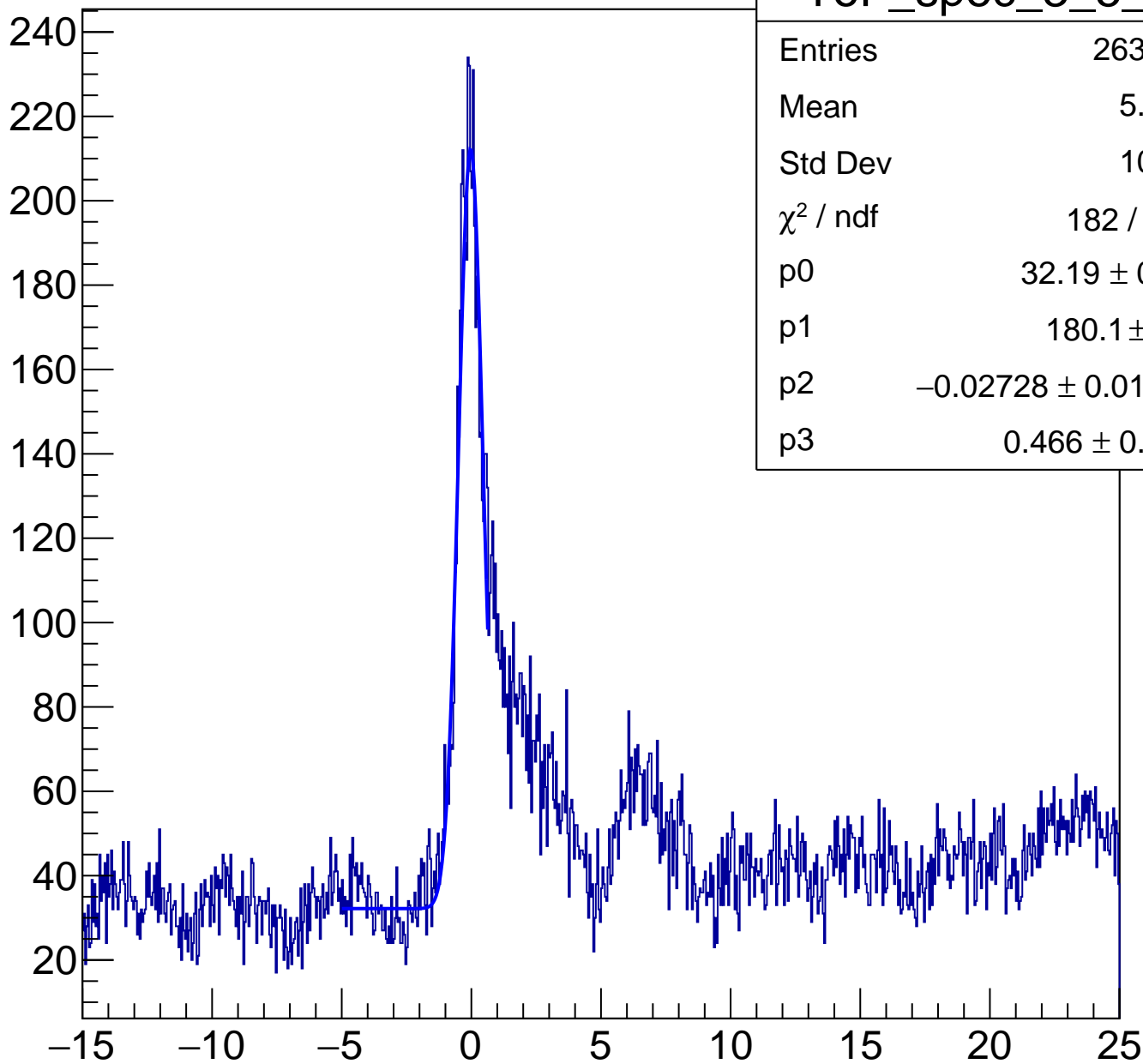
## ToF\_spec\_3\_4\_6

Entries	256509
Mean	5.733
Std Dev	10.68
$\chi^2 / \text{ndf}$	116.7 / 109
p0	$32.52 \pm 0.66$
p1	$189.4 \pm 4.3$
p2	$-0.04596 \pm 0.01196$
p3	$0.4625 \pm 0.0117$

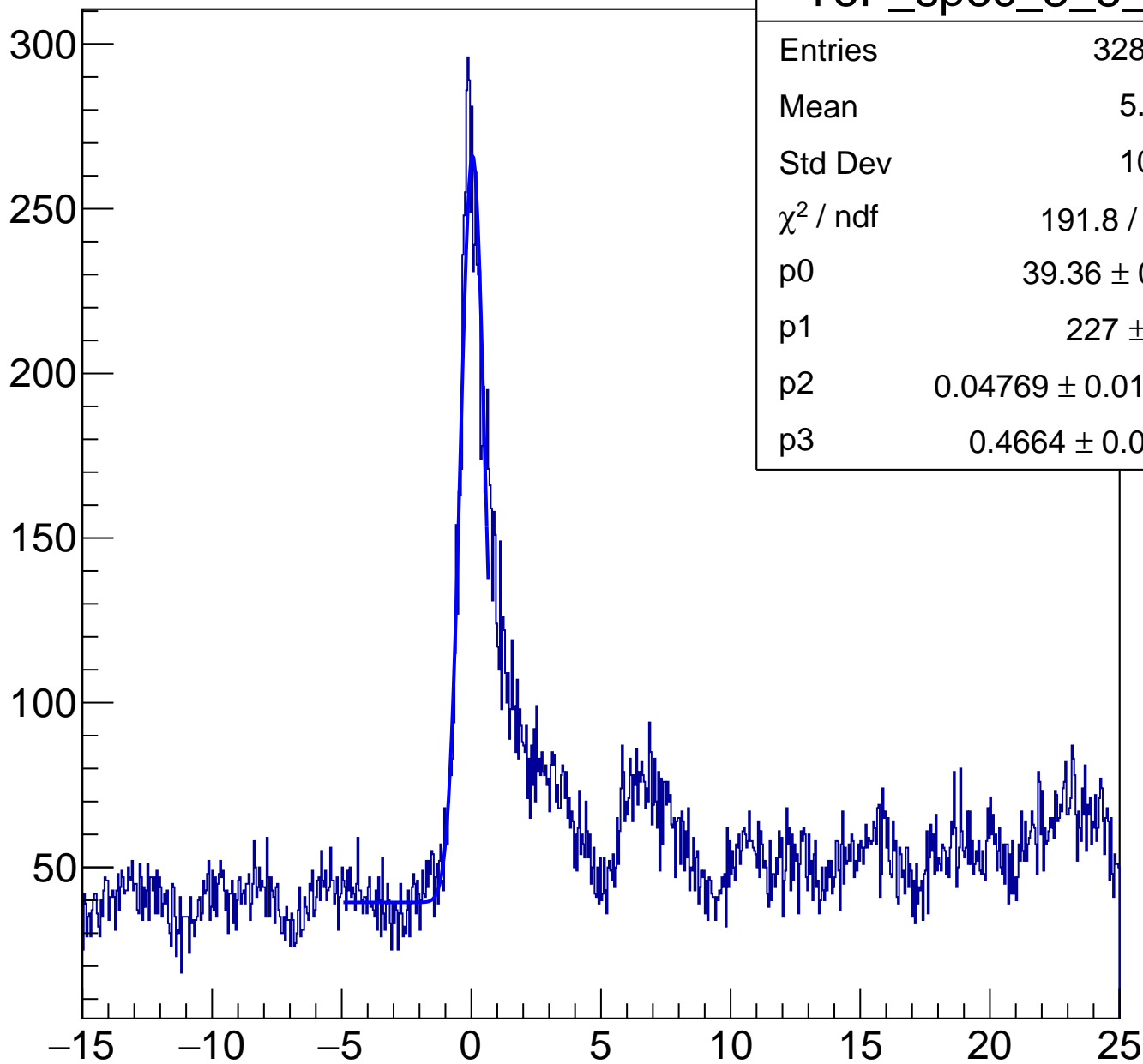
# ToF\_spec\_3\_5\_1



# ToF\_spec\_3\_5\_2



# ToF\_spec\_3\_5\_3



ToF\_spec\_3\_5\_3

Entries 328786

Mean 5.672

Std Dev 10.66

$\chi^2 / \text{ndf}$  191.8 / 109

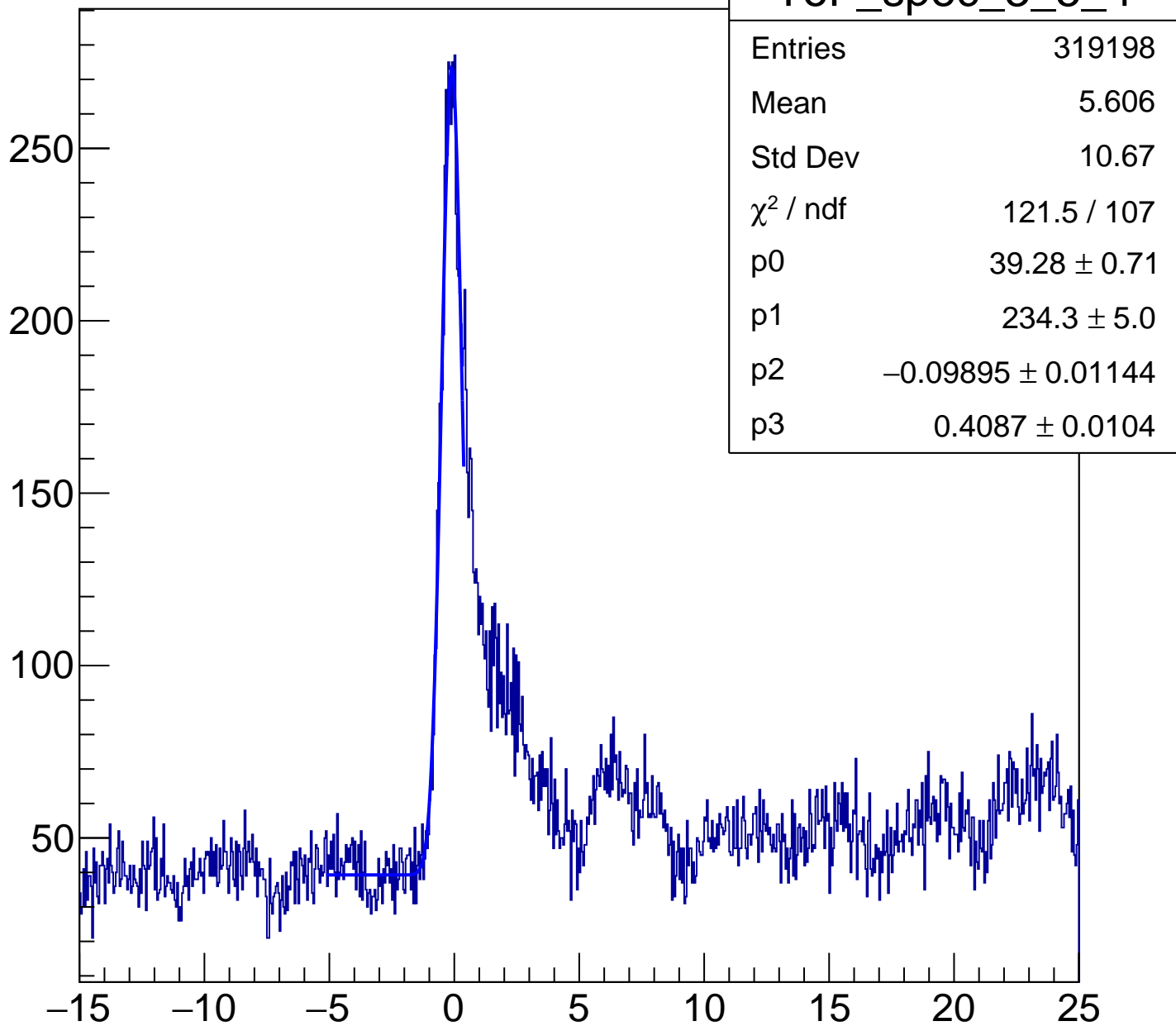
p0  $39.36 \pm 0.73$

p1  $227 \pm 4.8$

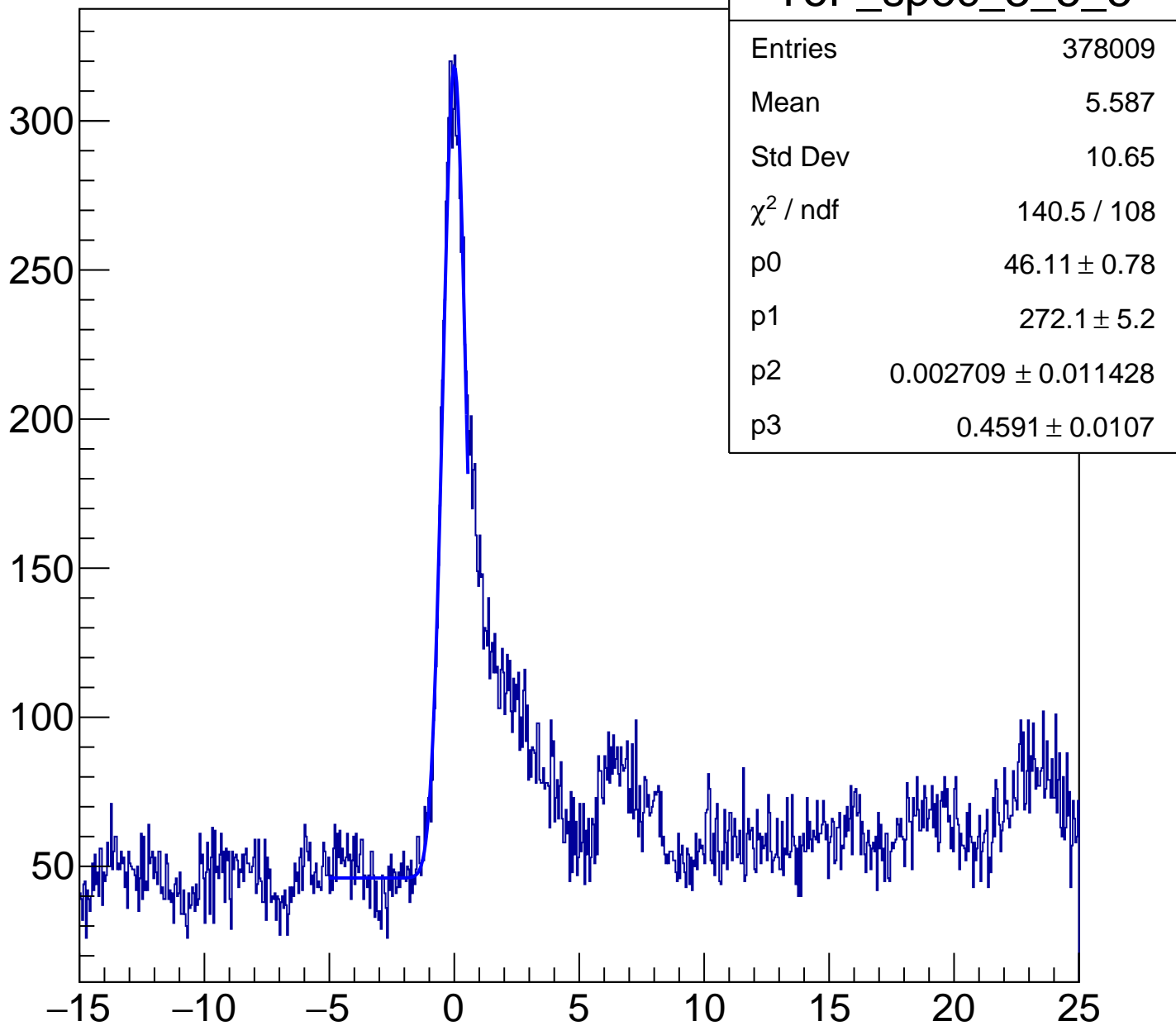
p2  $0.04769 \pm 0.01133$

p3  $0.4664 \pm 0.0113$

# ToF\_spec\_3\_5\_4

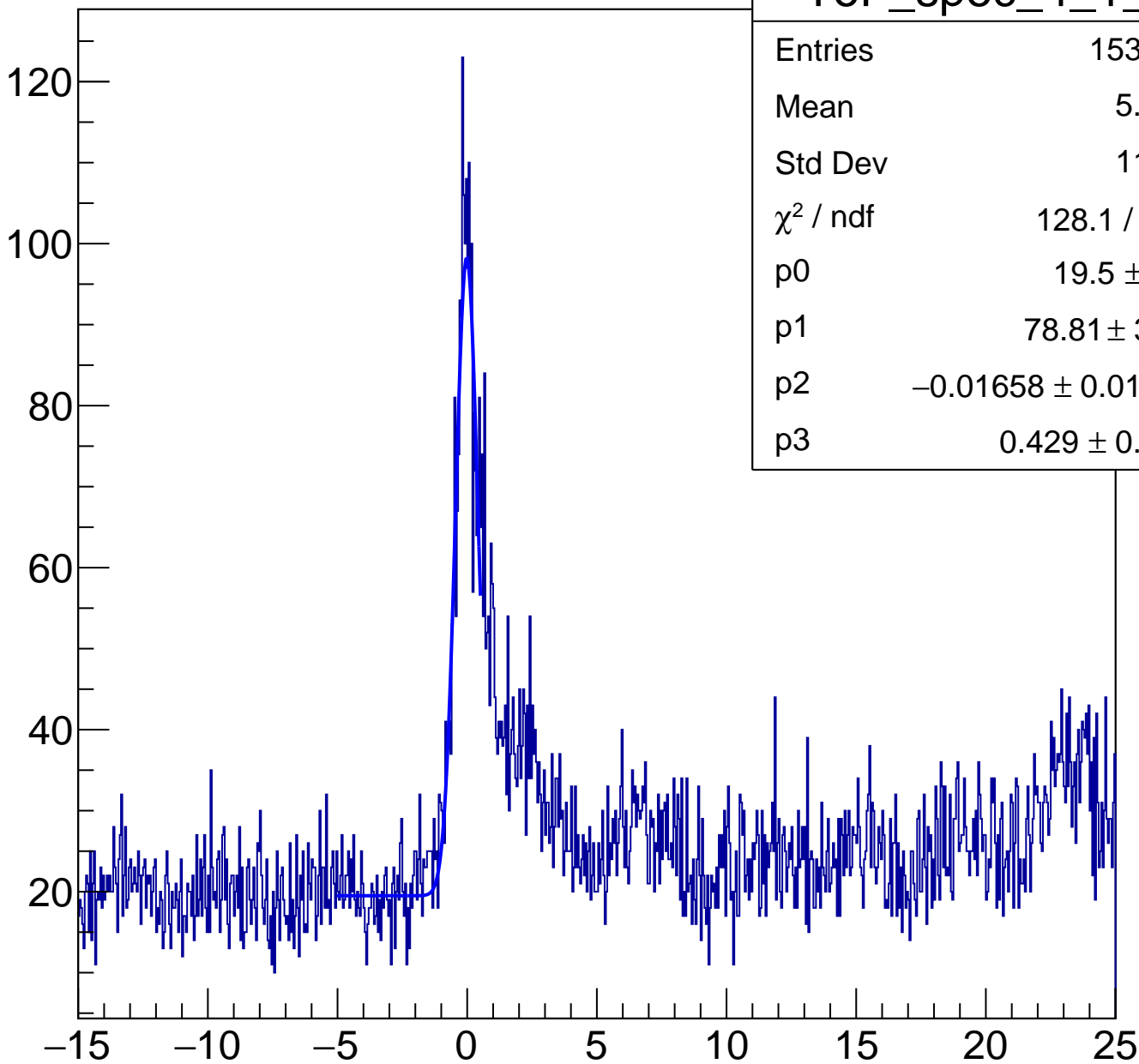


# ToF\_spec\_3\_5\_5

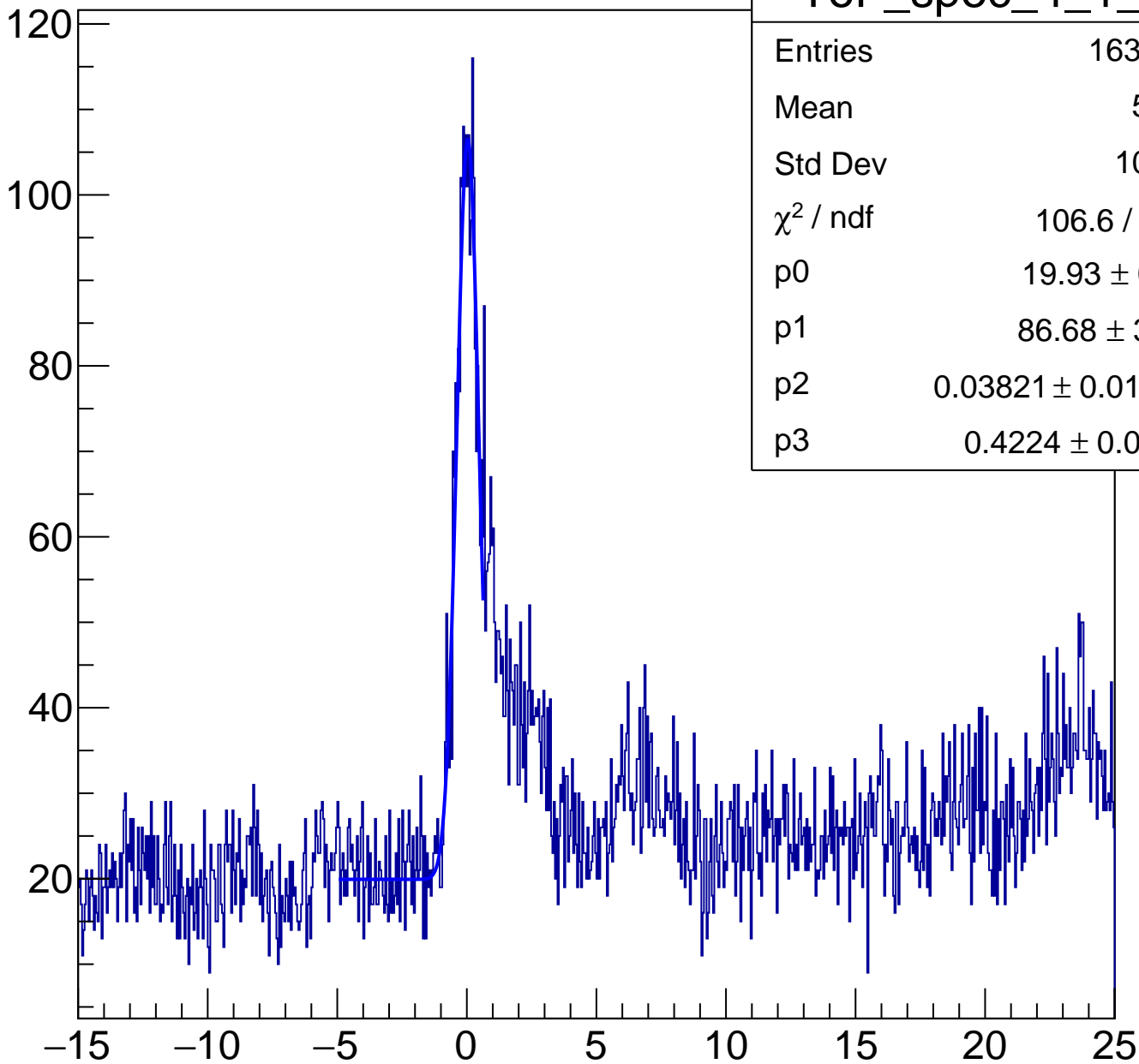




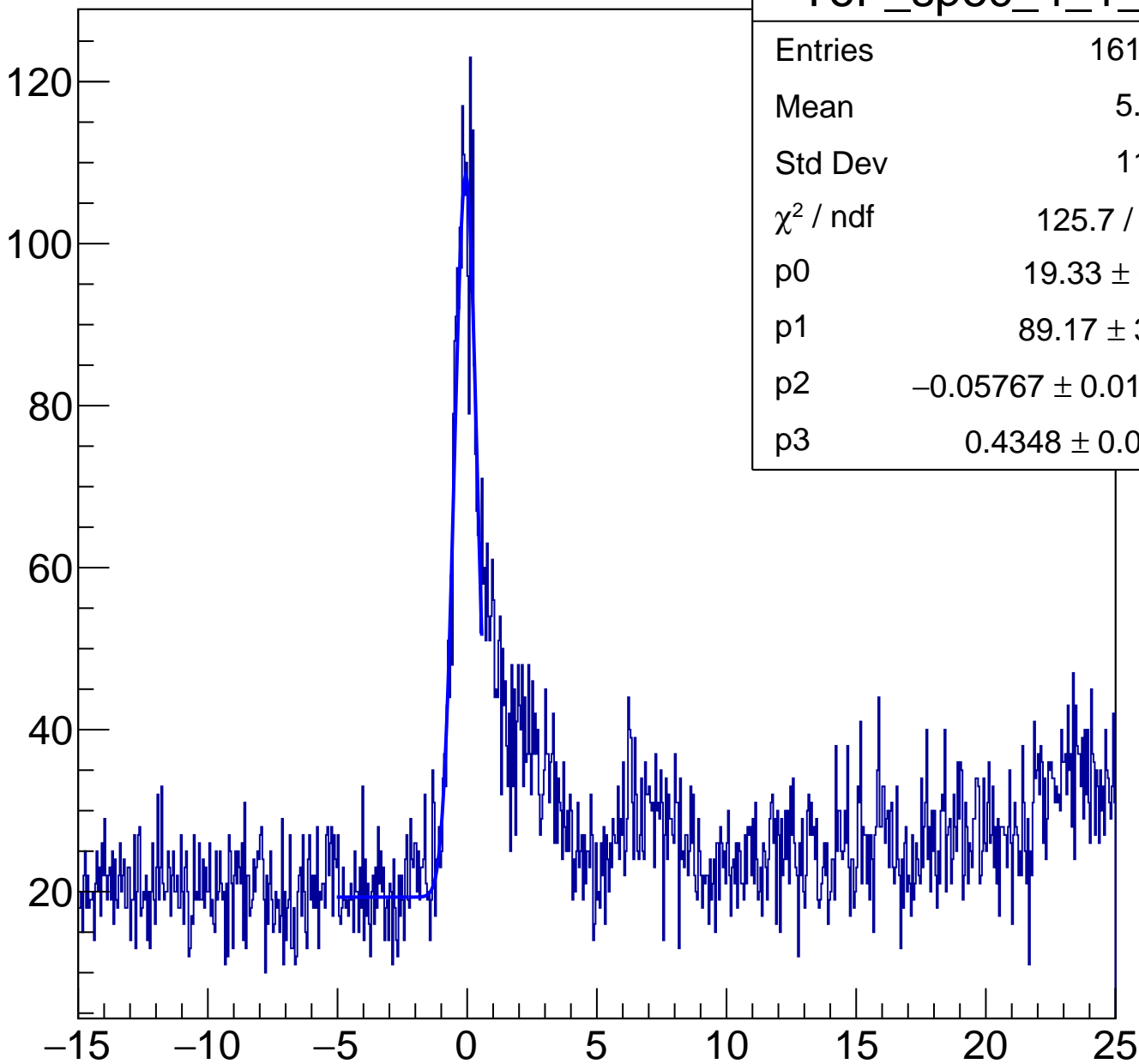
# ToF\_spec\_4\_1\_1



# ToF\_spec\_4\_1\_2



# ToF\_spec\_4\_1\_3



ToF\_spec\_4\_1\_3

Entries 161358

Mean 5.818

Std Dev 11.02

$\chi^2 / \text{ndf}$  125.7 / 109

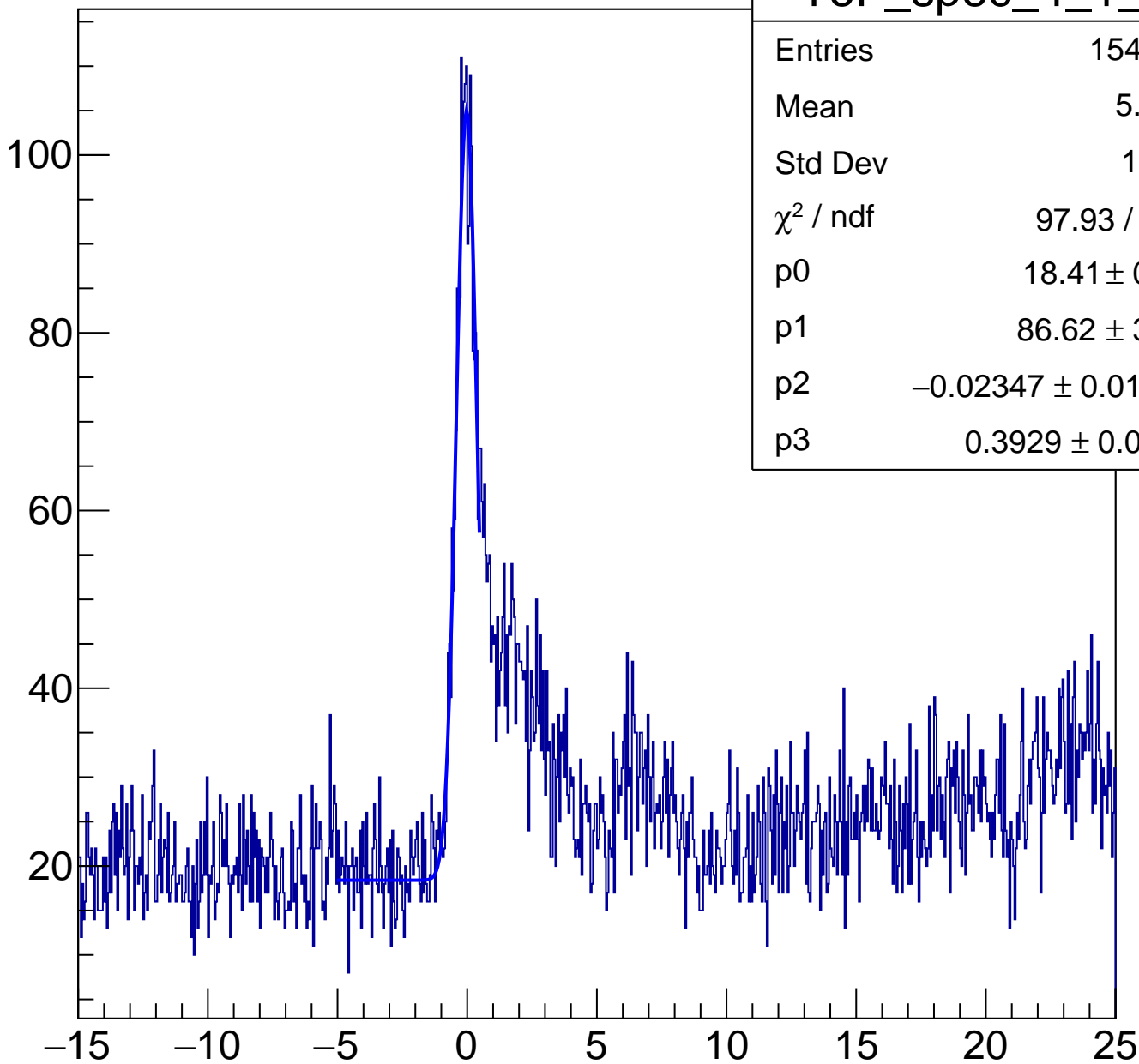
p0  $19.33 \pm 0.51$

p1  $89.17 \pm 3.12$

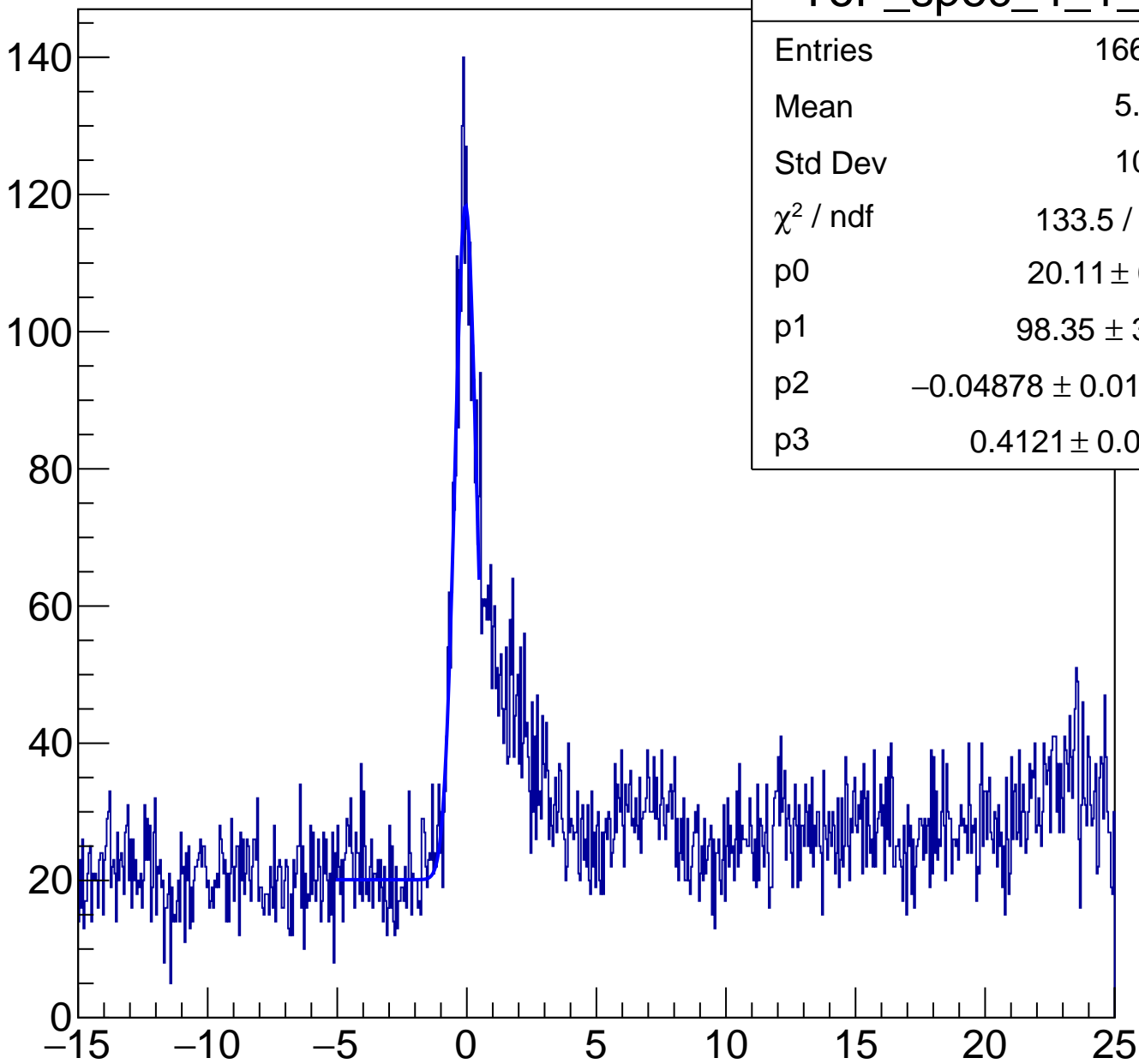
p2  $-0.05767 \pm 0.01620$

p3  $0.4348 \pm 0.0163$

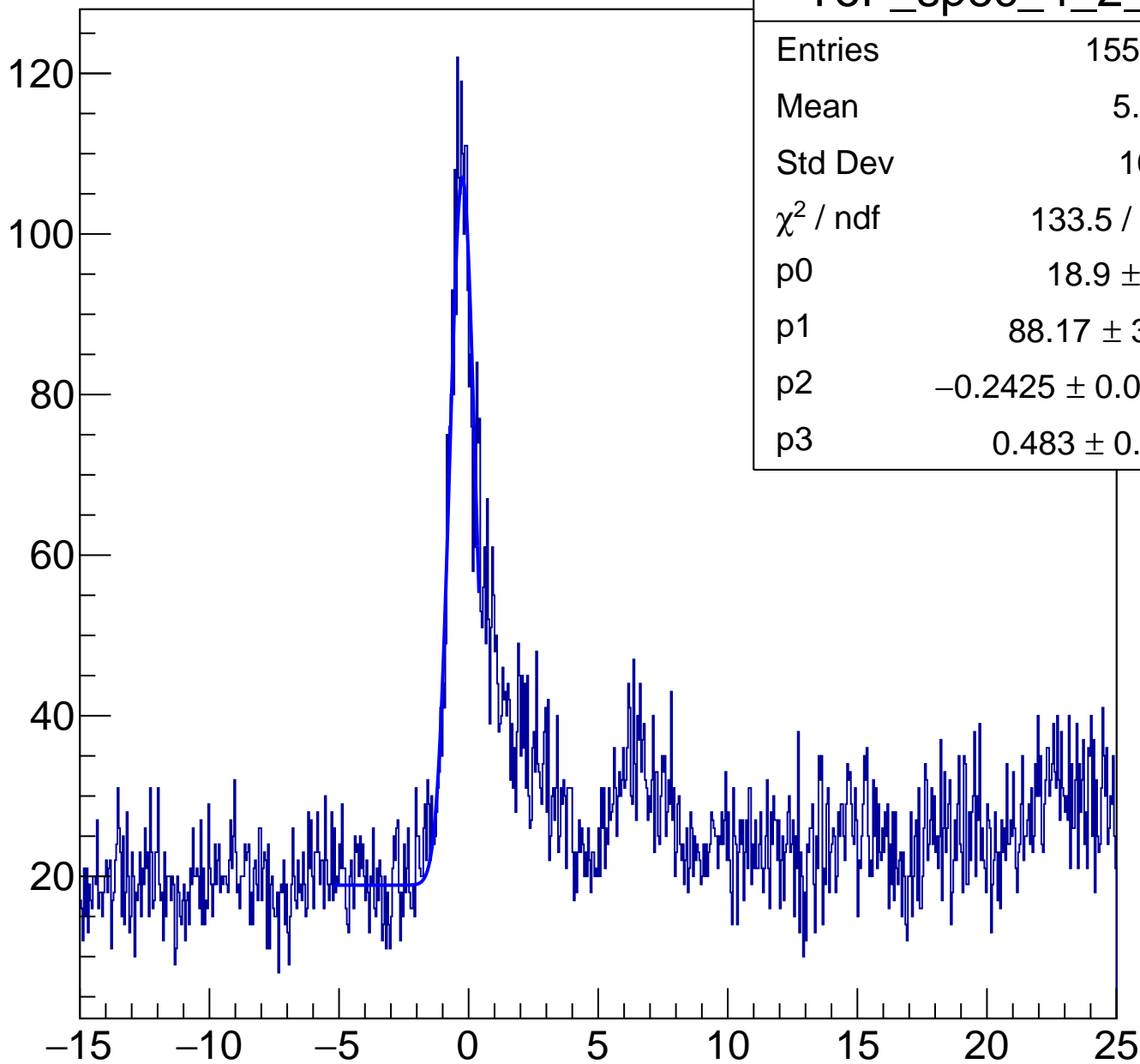
# ToF\_spec\_4\_1\_4



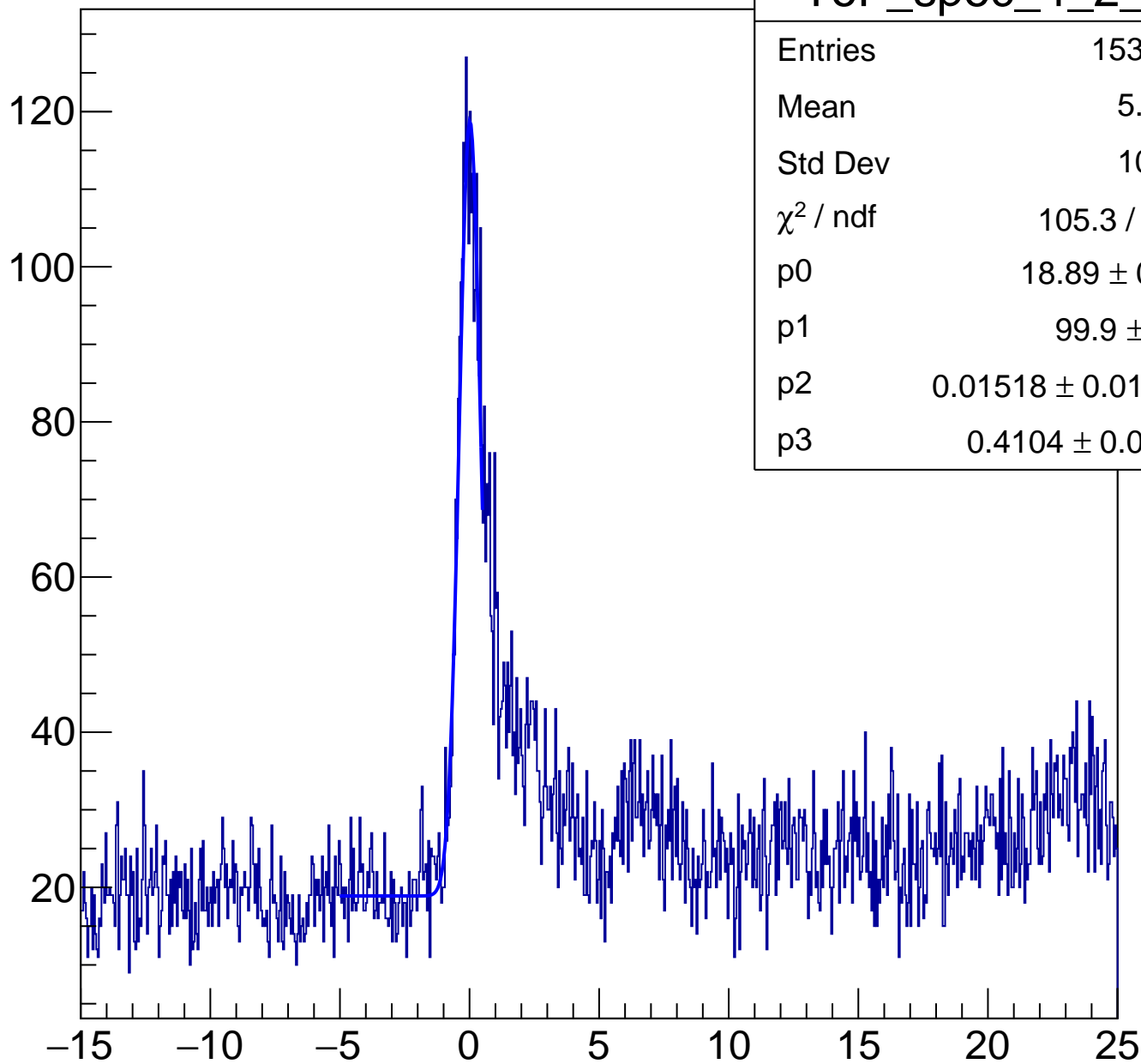
# ToF\_spec\_4\_1\_5



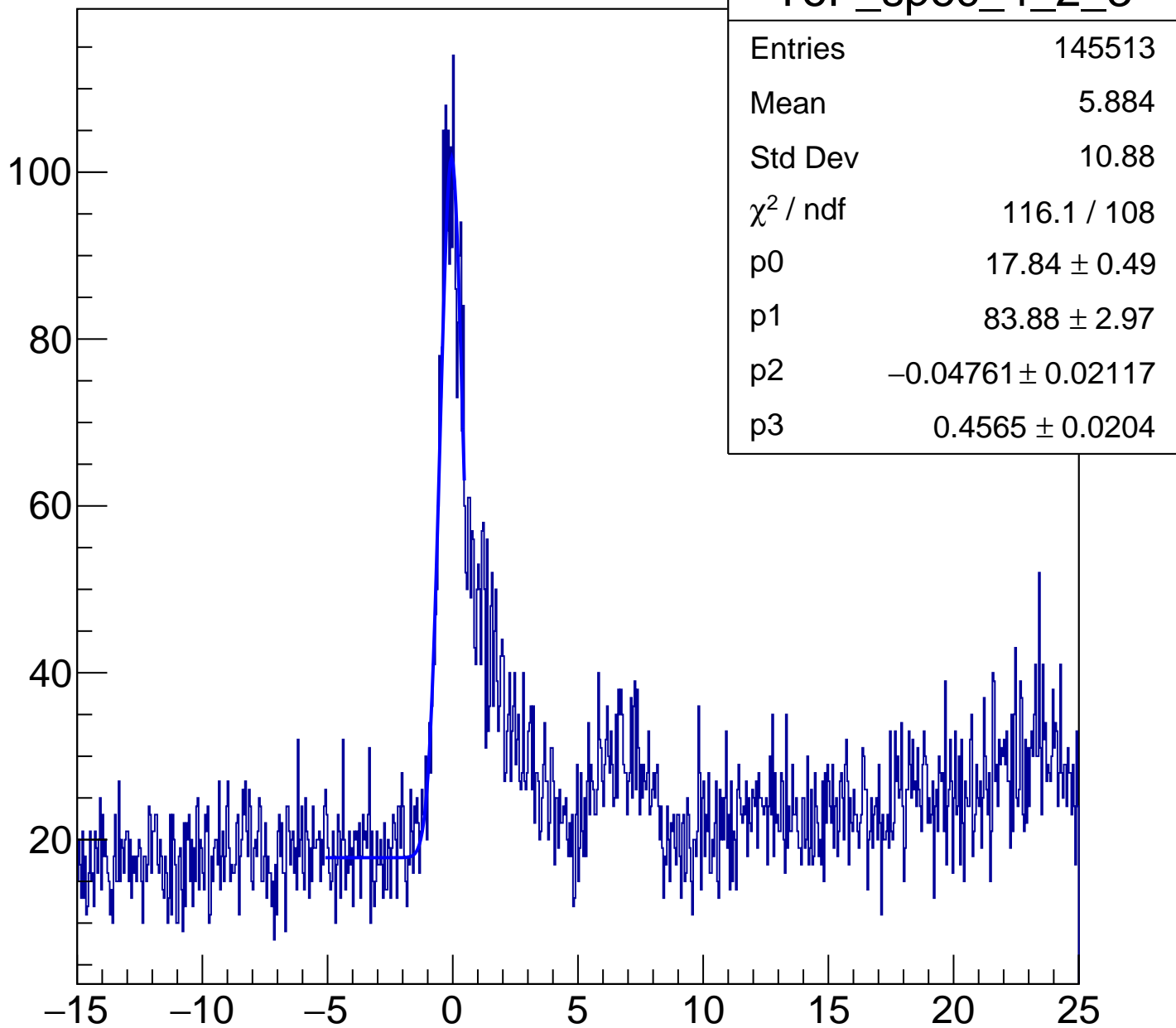
# ToF\_spec\_4\_2\_1



# ToF\_spec\_4\_2\_2

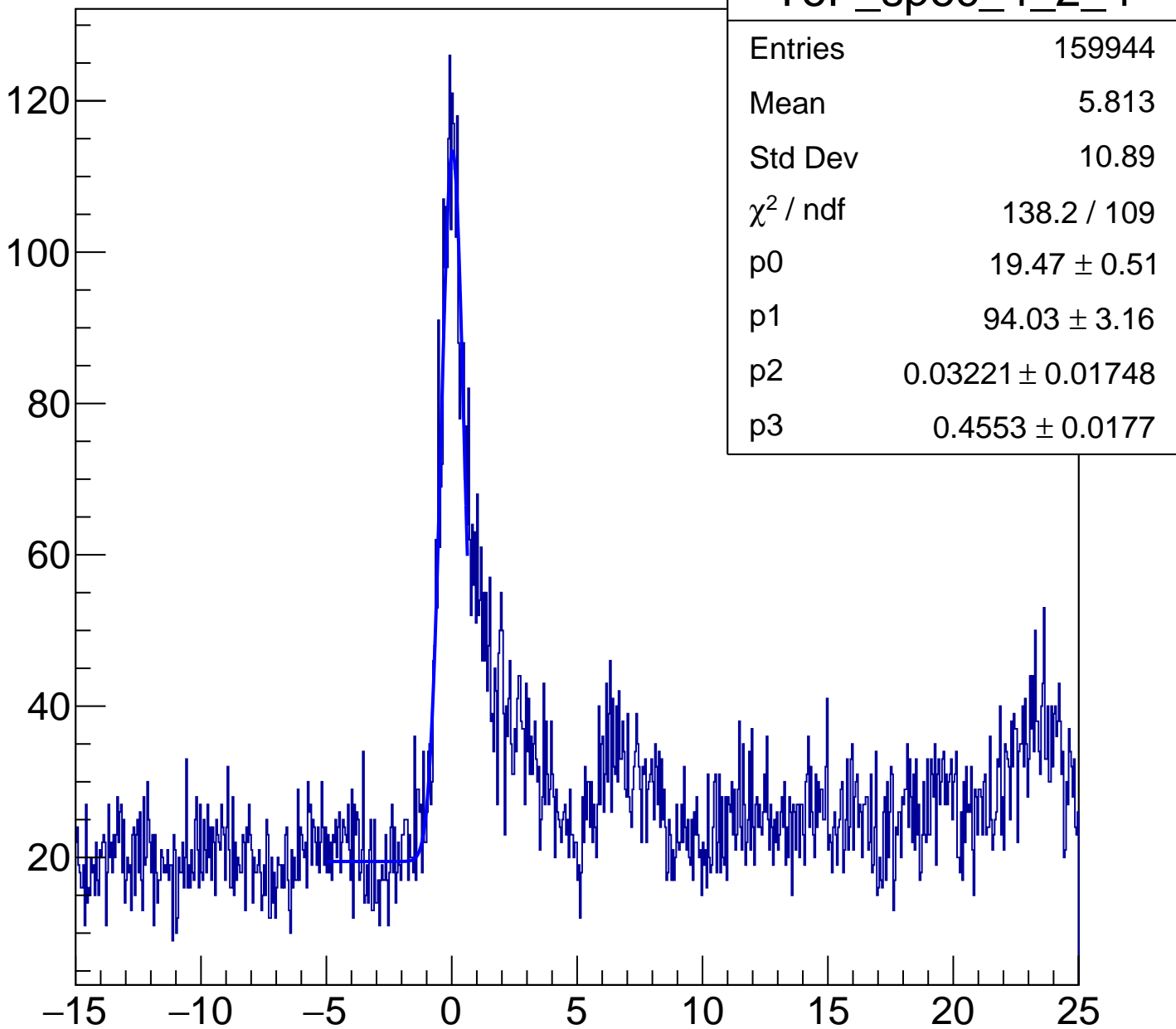


# ToF\_spec\_4\_2\_3

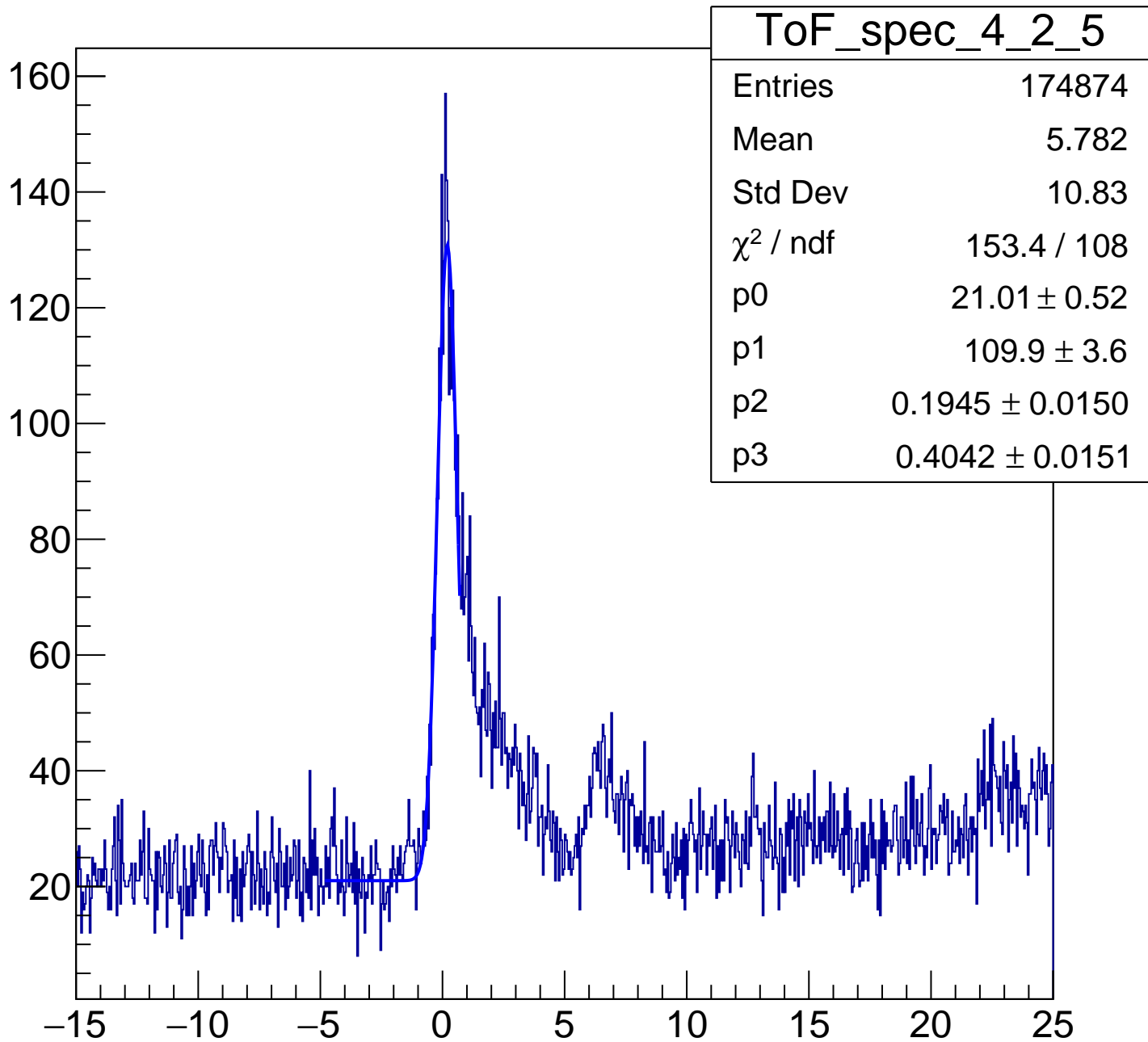




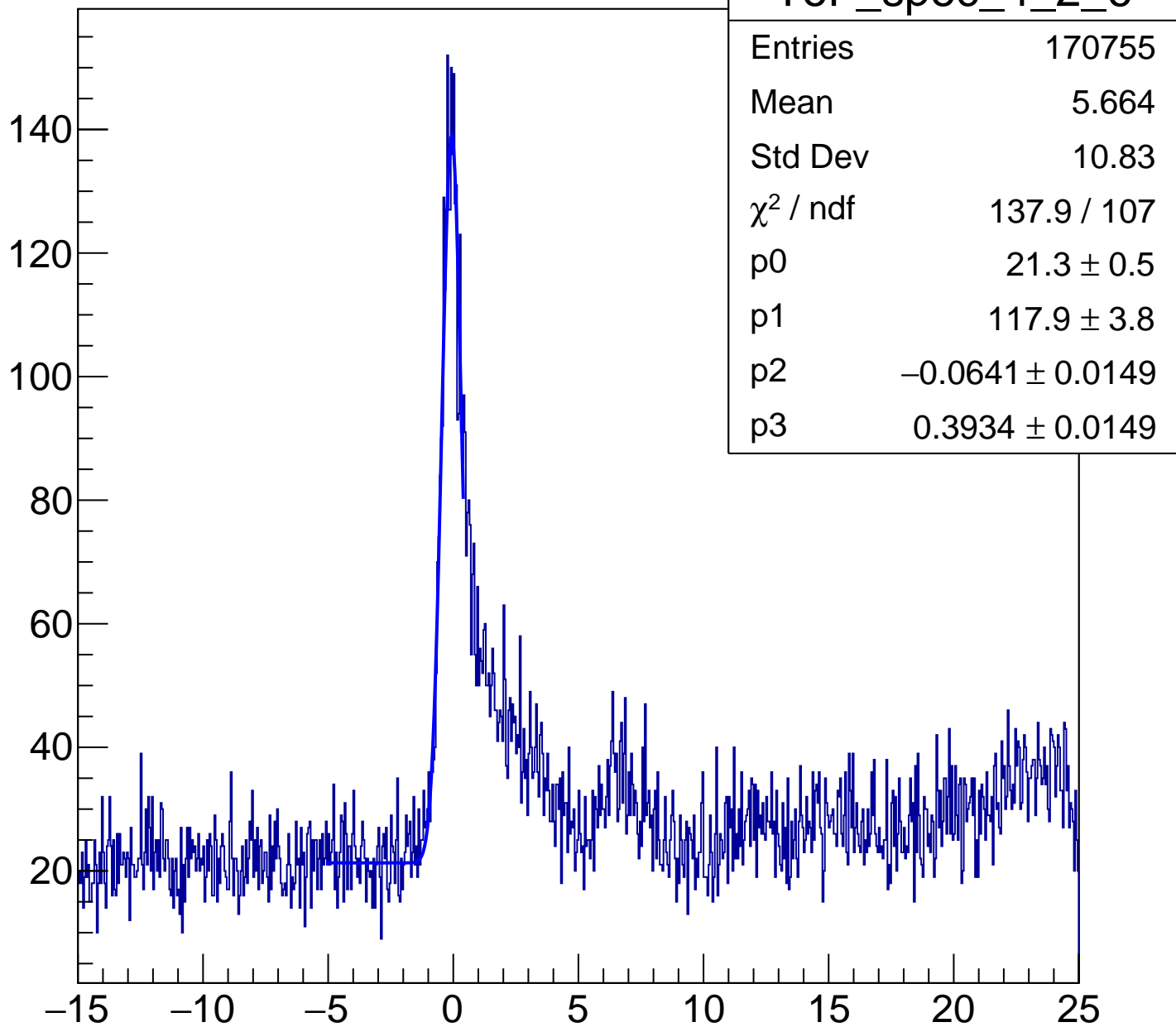
# ToF\_spec\_4\_2\_4



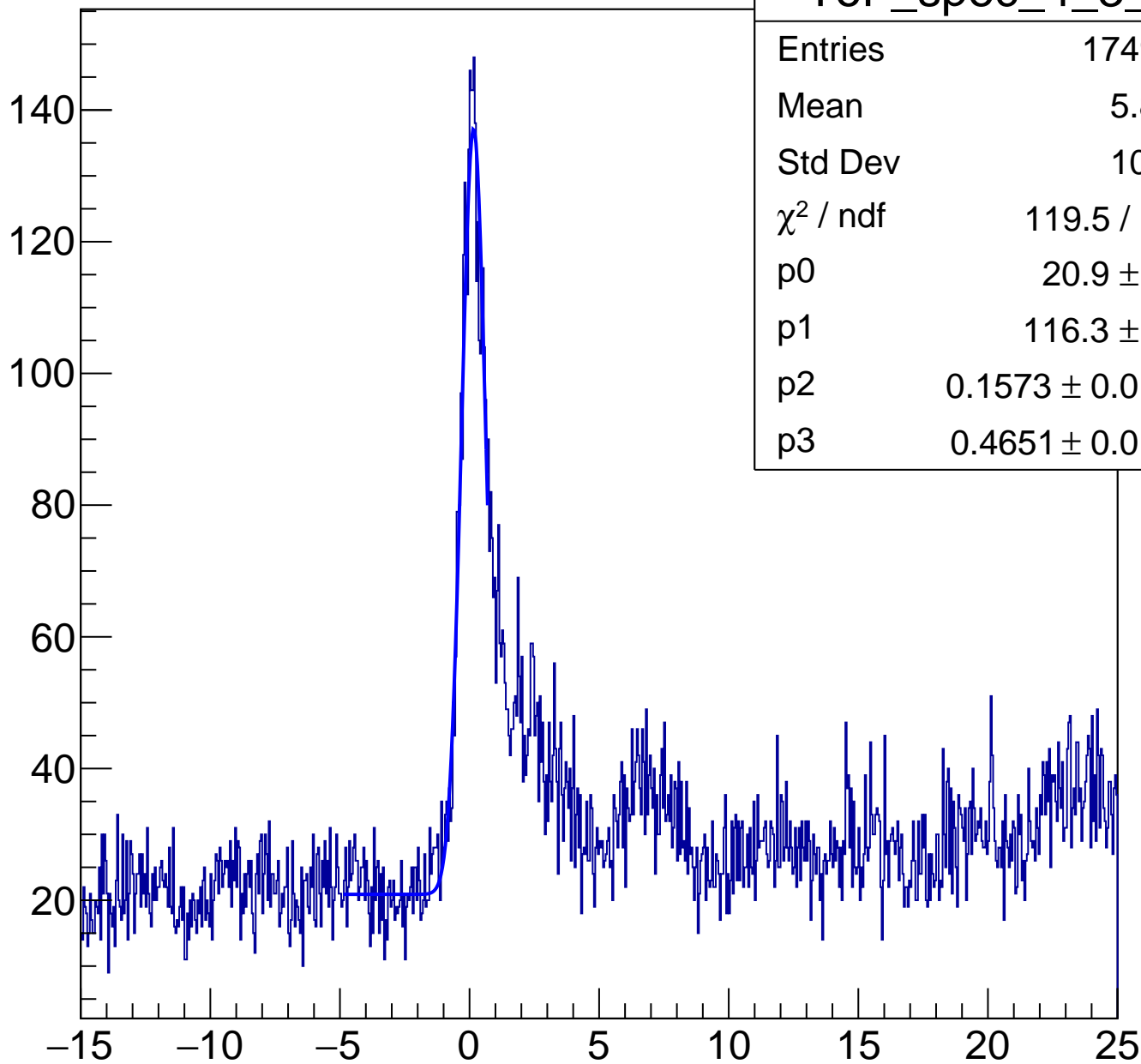
# ToF\_spec\_4\_2\_5



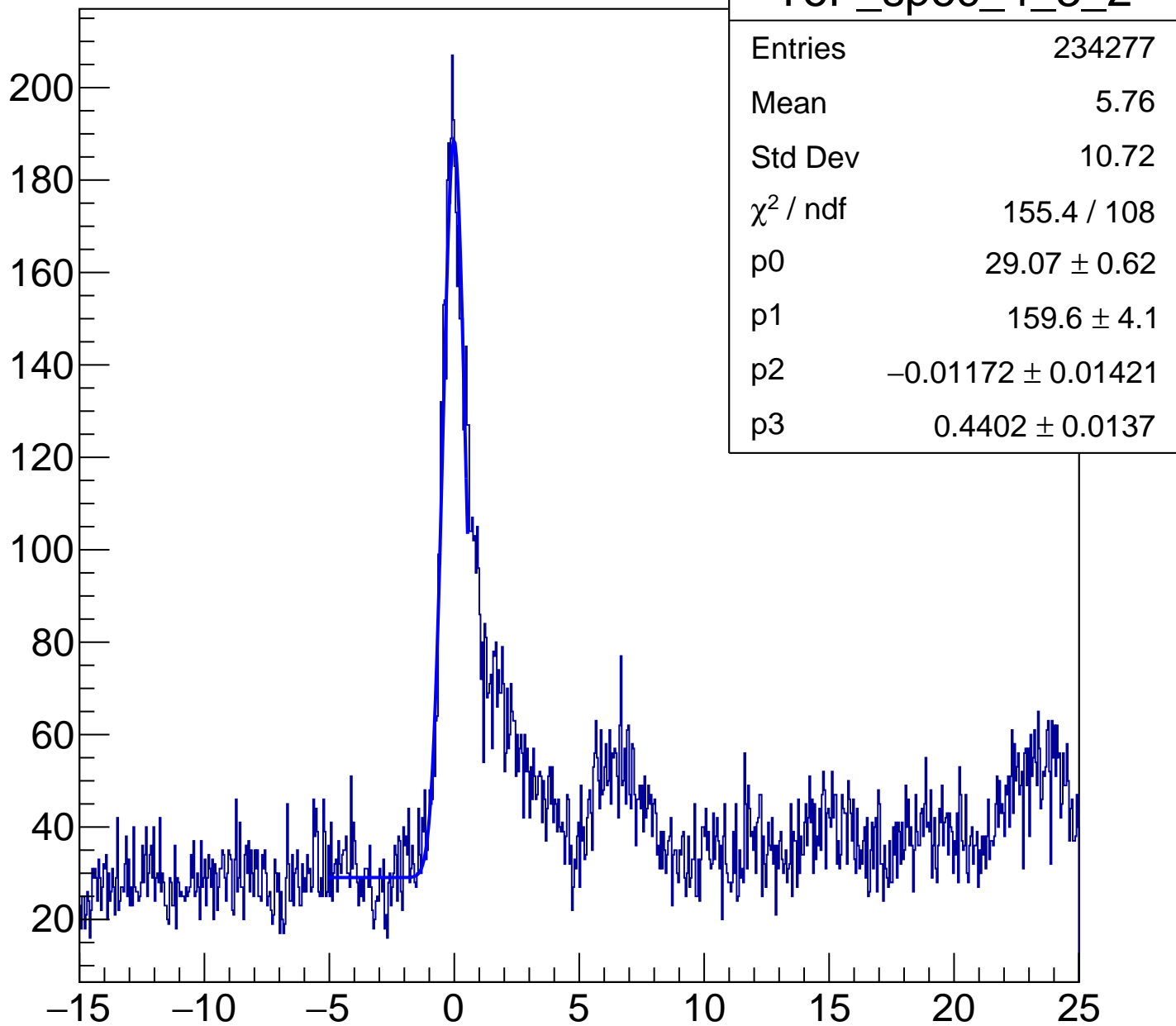
# ToF\_spec\_4\_2\_6



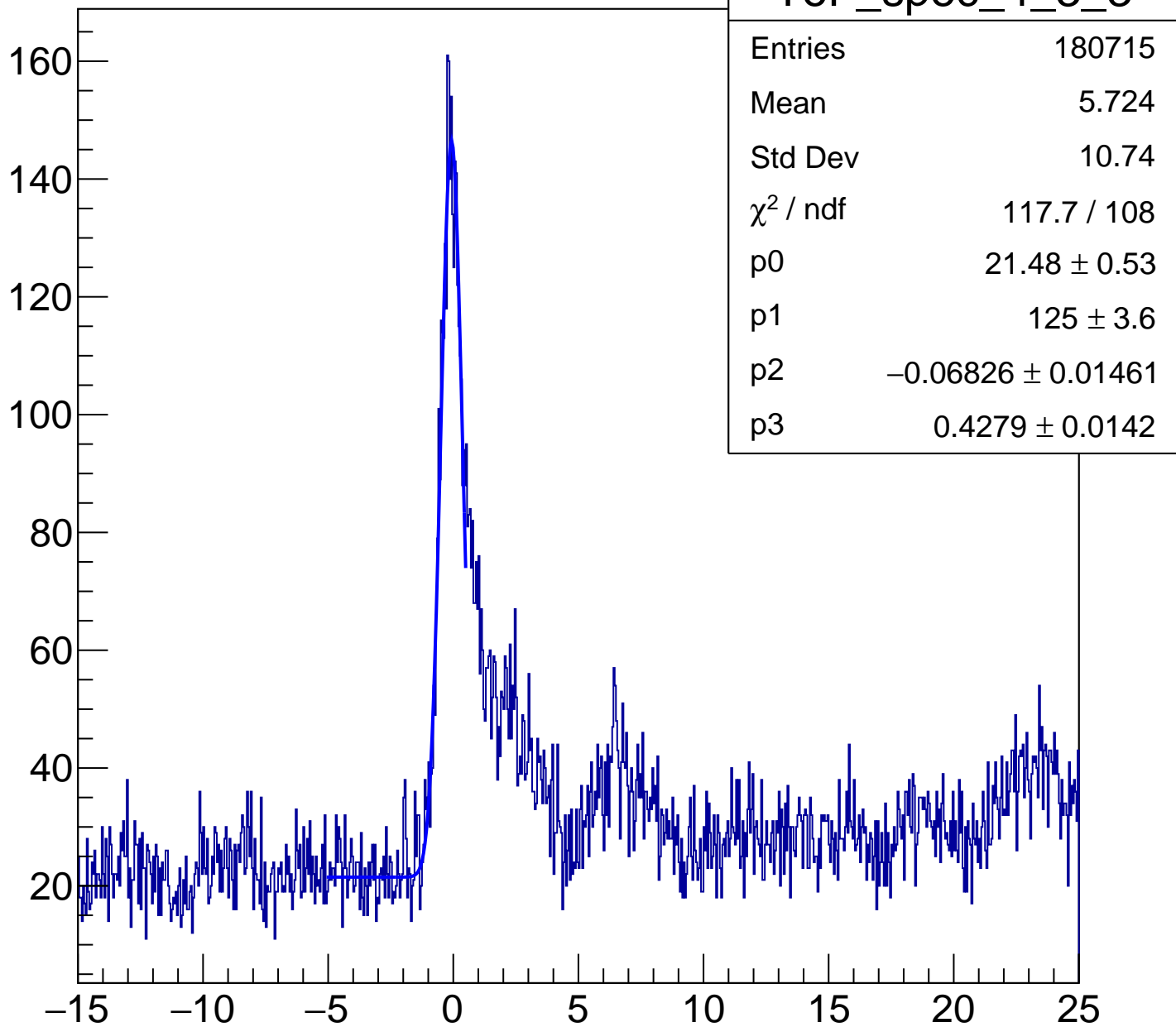
# ToF\_spec\_4\_3\_1



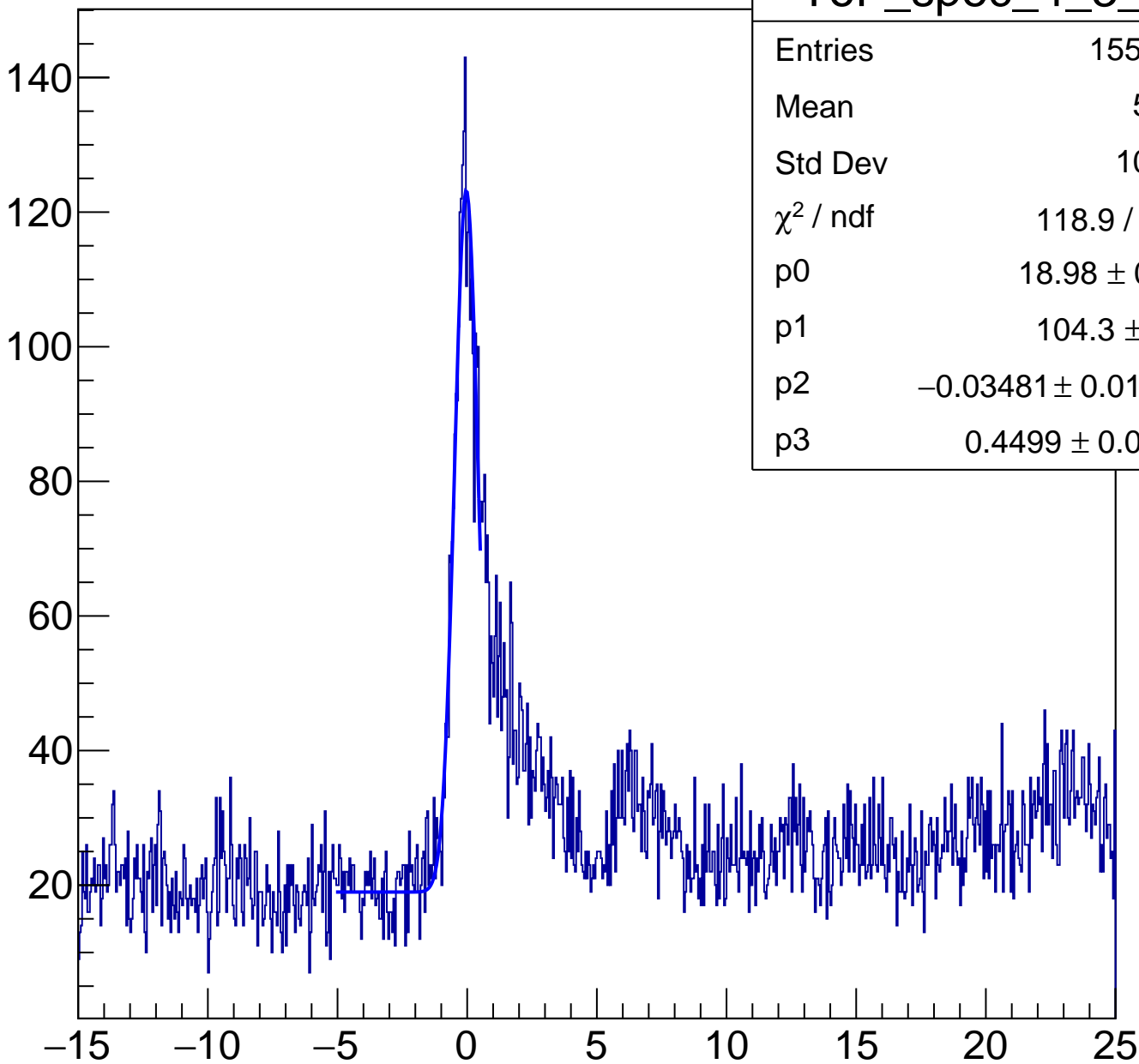
# ToF\_spec\_4\_3\_2



# ToF\_spec\_4\_3\_3



# ToF\_spec\_4\_3\_4



ToF\_spec\_4\_3\_4

Entries 155707

Mean 5.67

Std Dev 10.83

$\chi^2 / \text{ndf}$  118.9 / 109

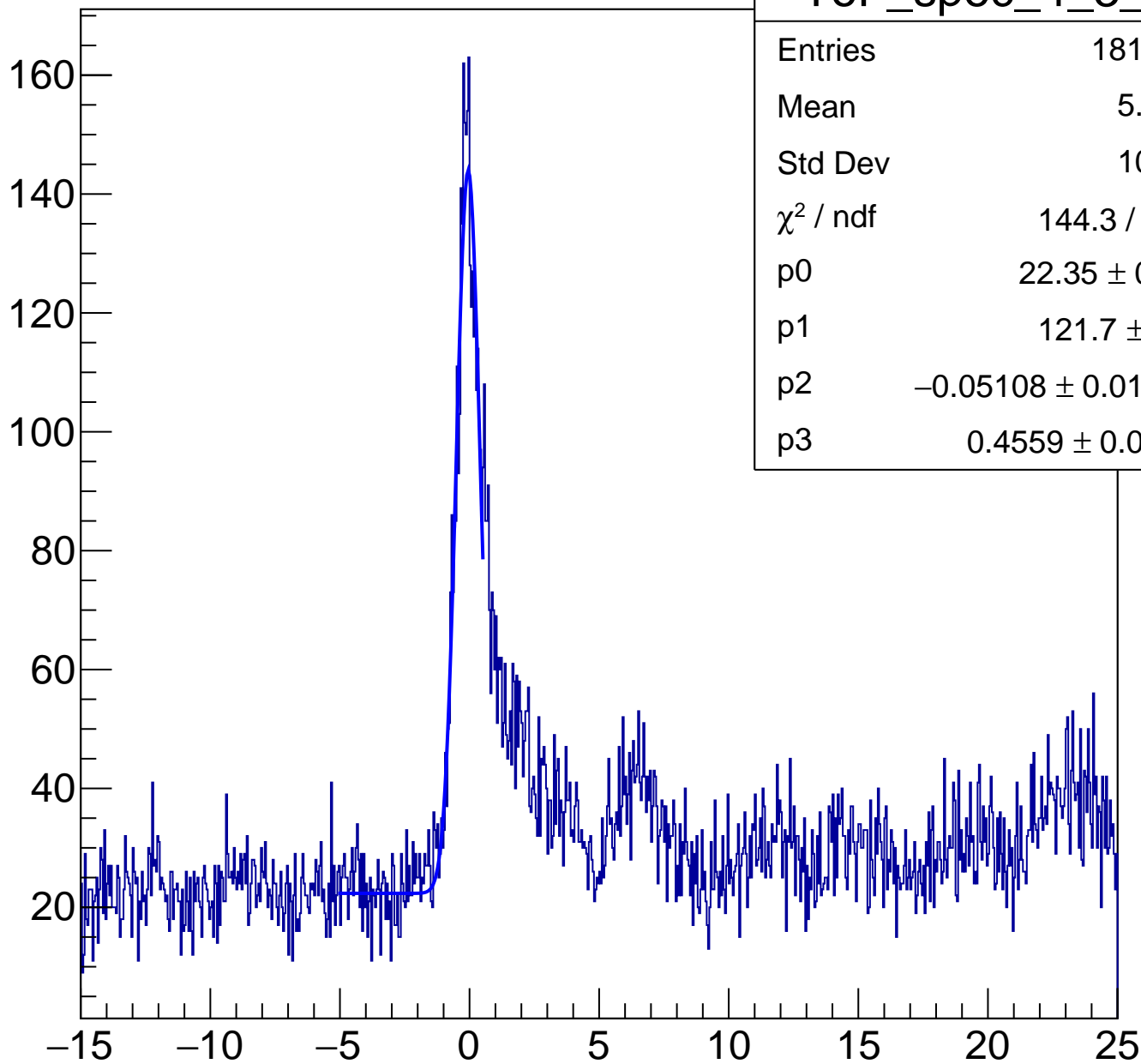
p0  $18.98 \pm 0.50$

p1  $104.3 \pm 3.3$

p2  $-0.03481 \pm 0.01734$

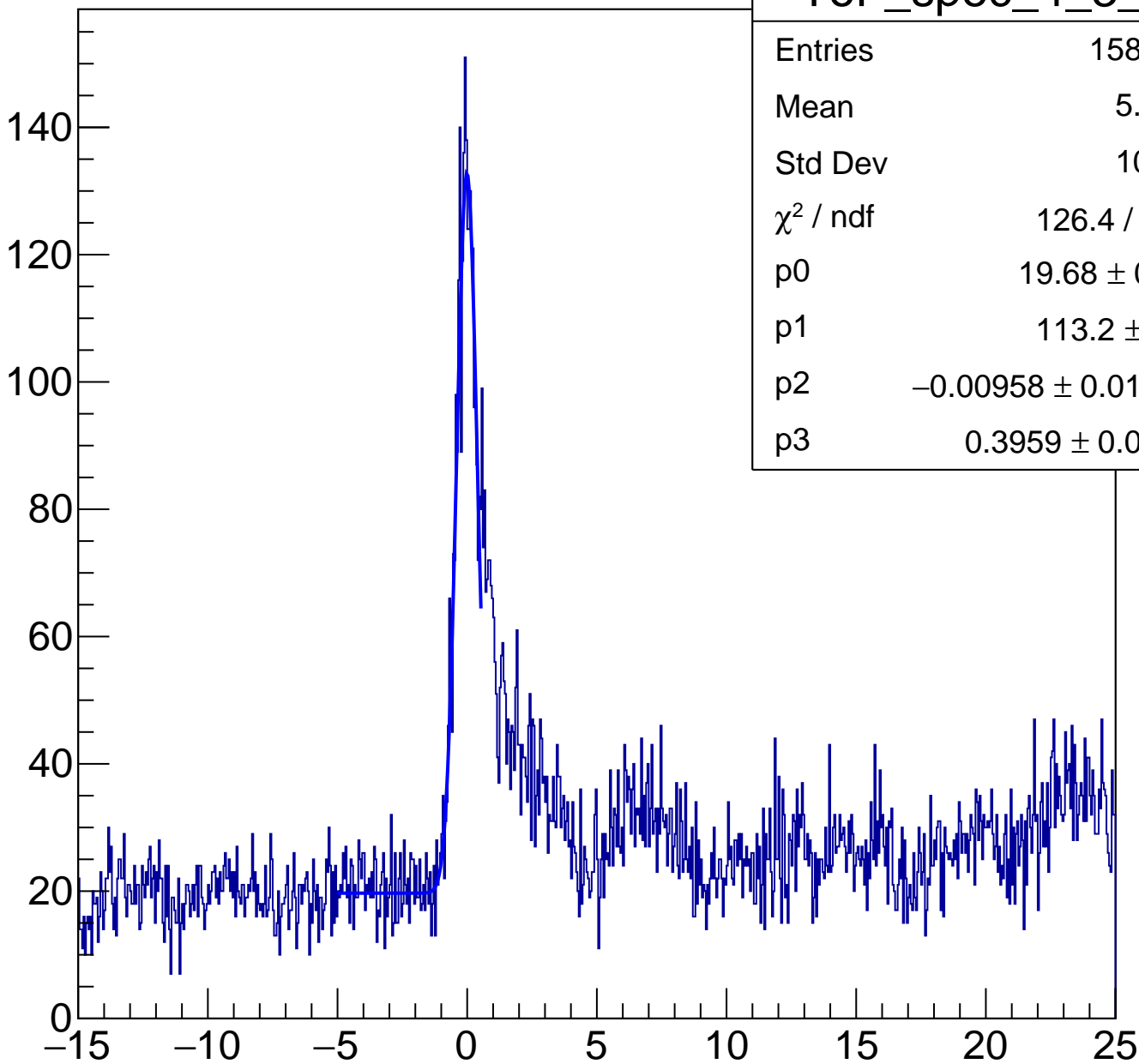
p3  $0.4499 \pm 0.0169$

# ToF\_spec\_4\_3\_5





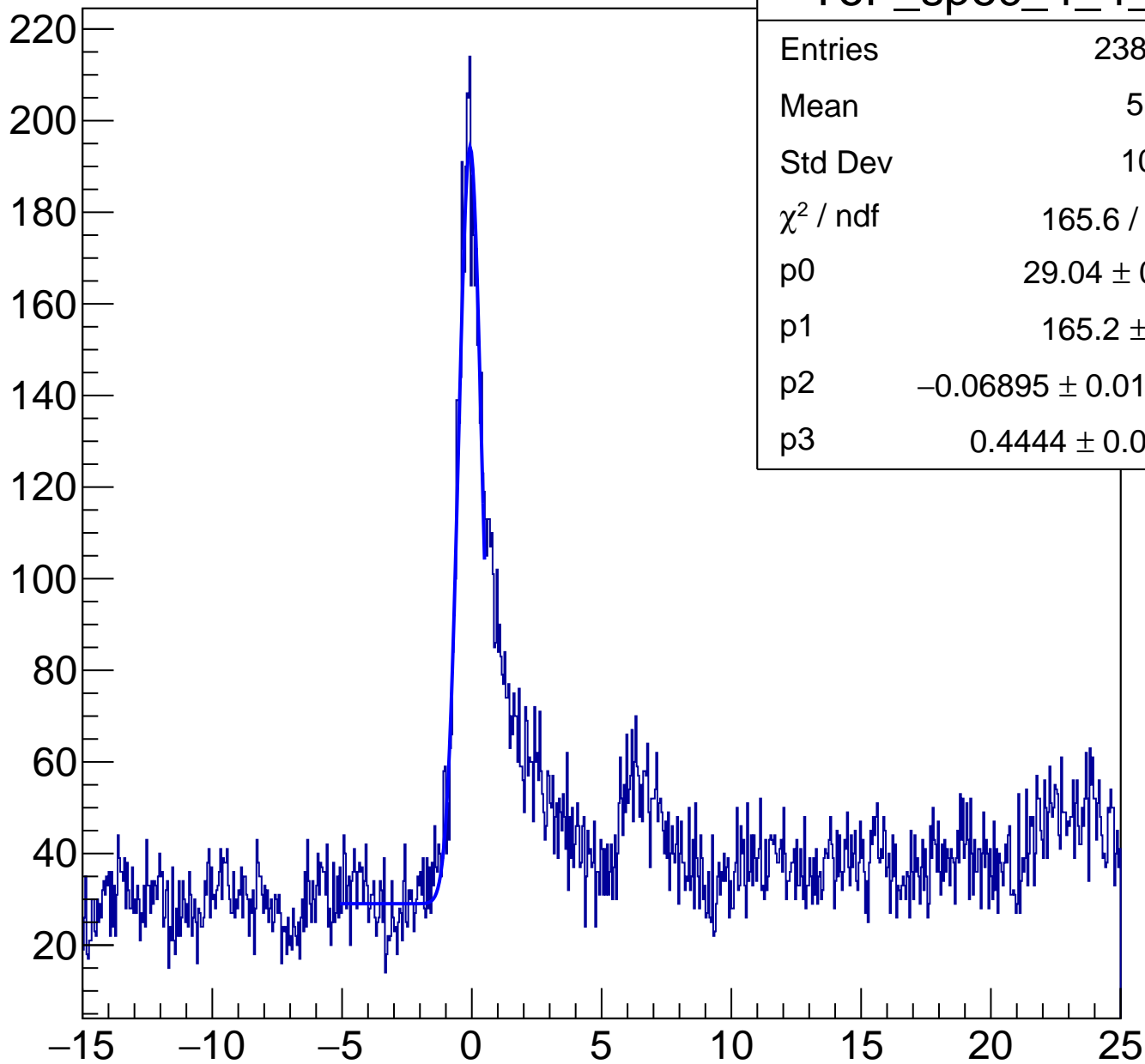
# ToF\_spec\_4\_3\_6



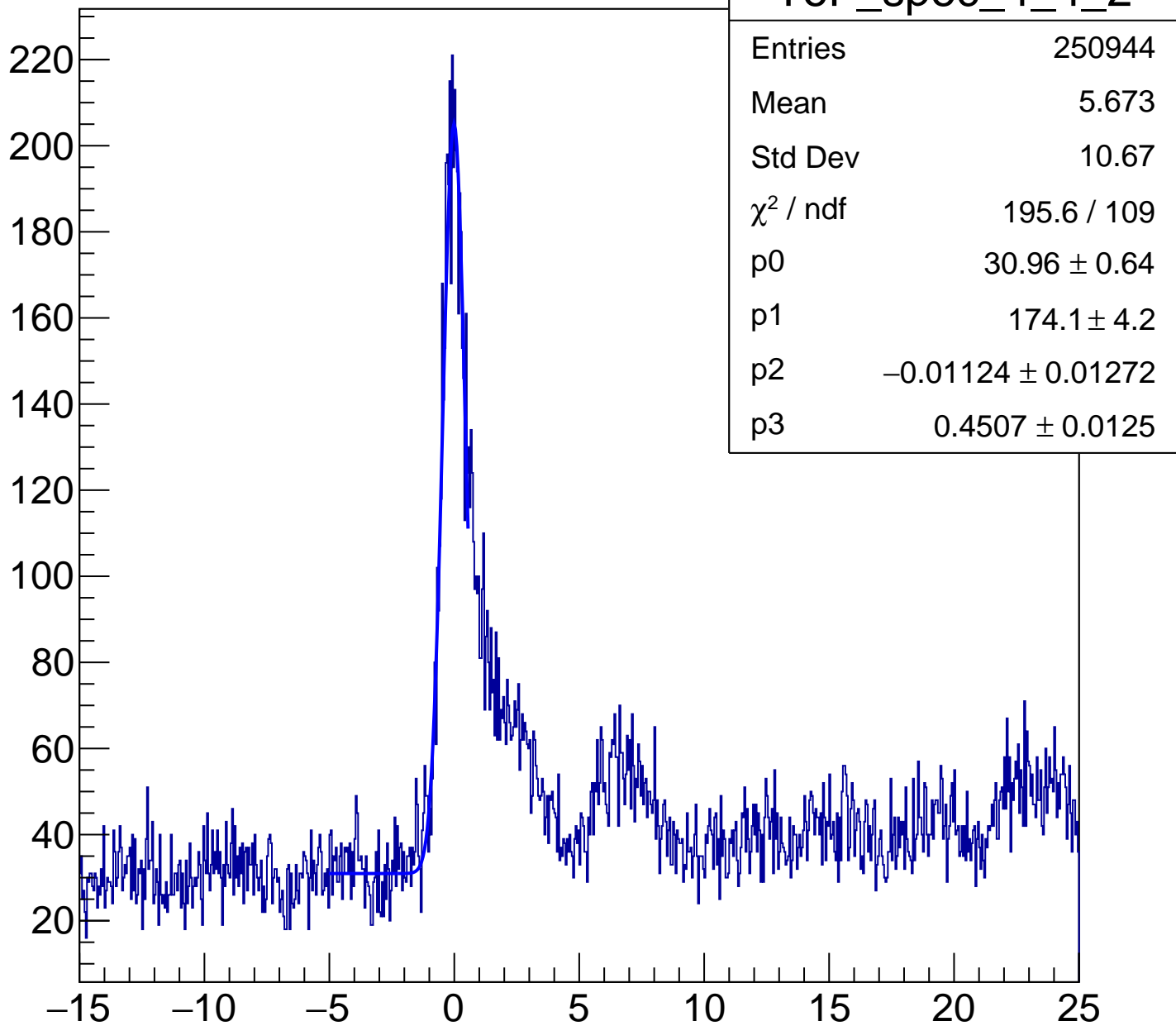
ToF\_spec\_4\_3\_6

Entries	158068
Mean	5.872
Std Dev	10.77
$\chi^2 / \text{ndf}$	126.4 / 107
p0	$19.68 \pm 0.50$
p1	$113.2 \pm 3.6$
p2	$-0.00958 \pm 0.01393$
p3	$0.3959 \pm 0.0136$

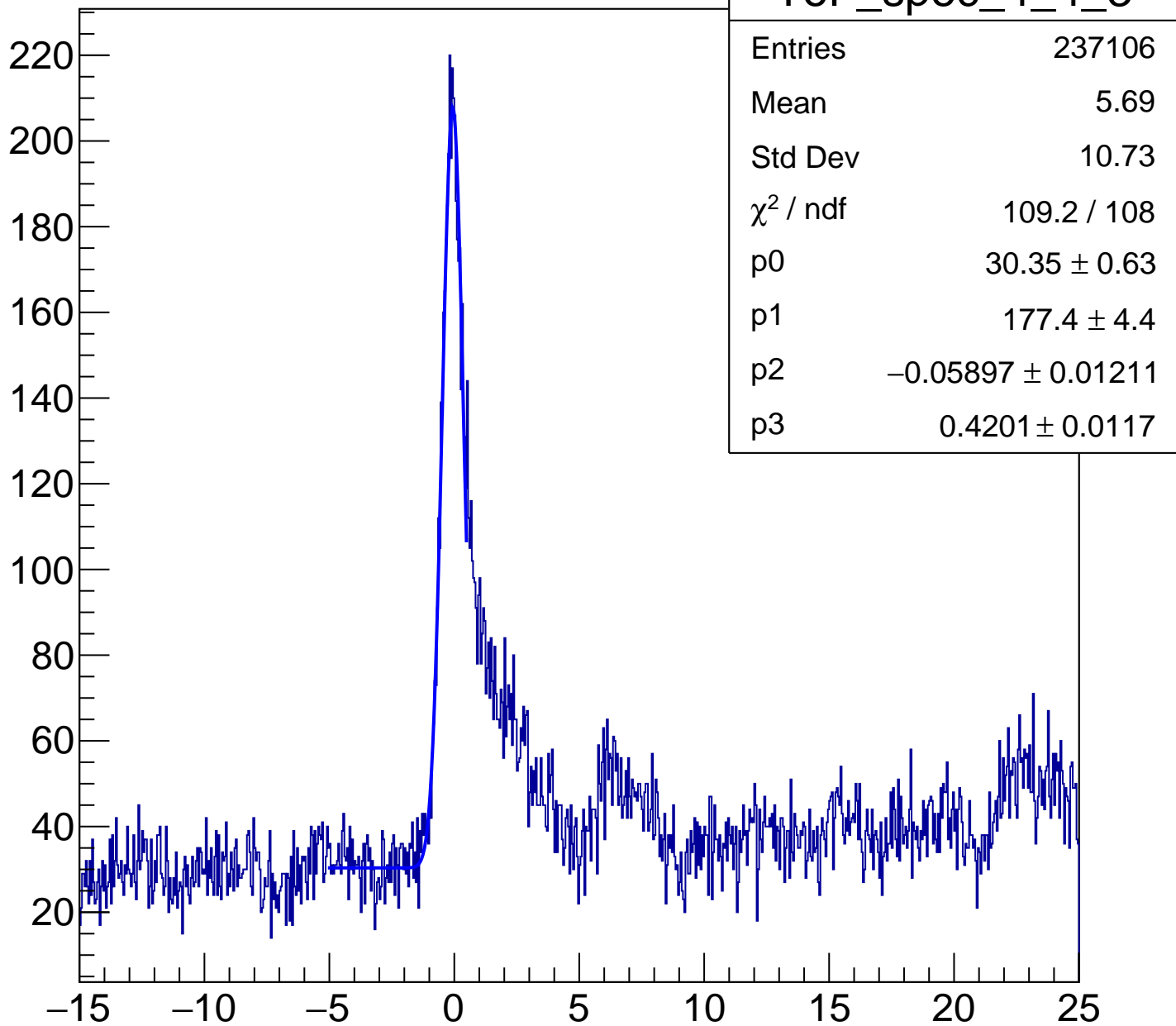
# ToF\_spec\_4\_4\_1



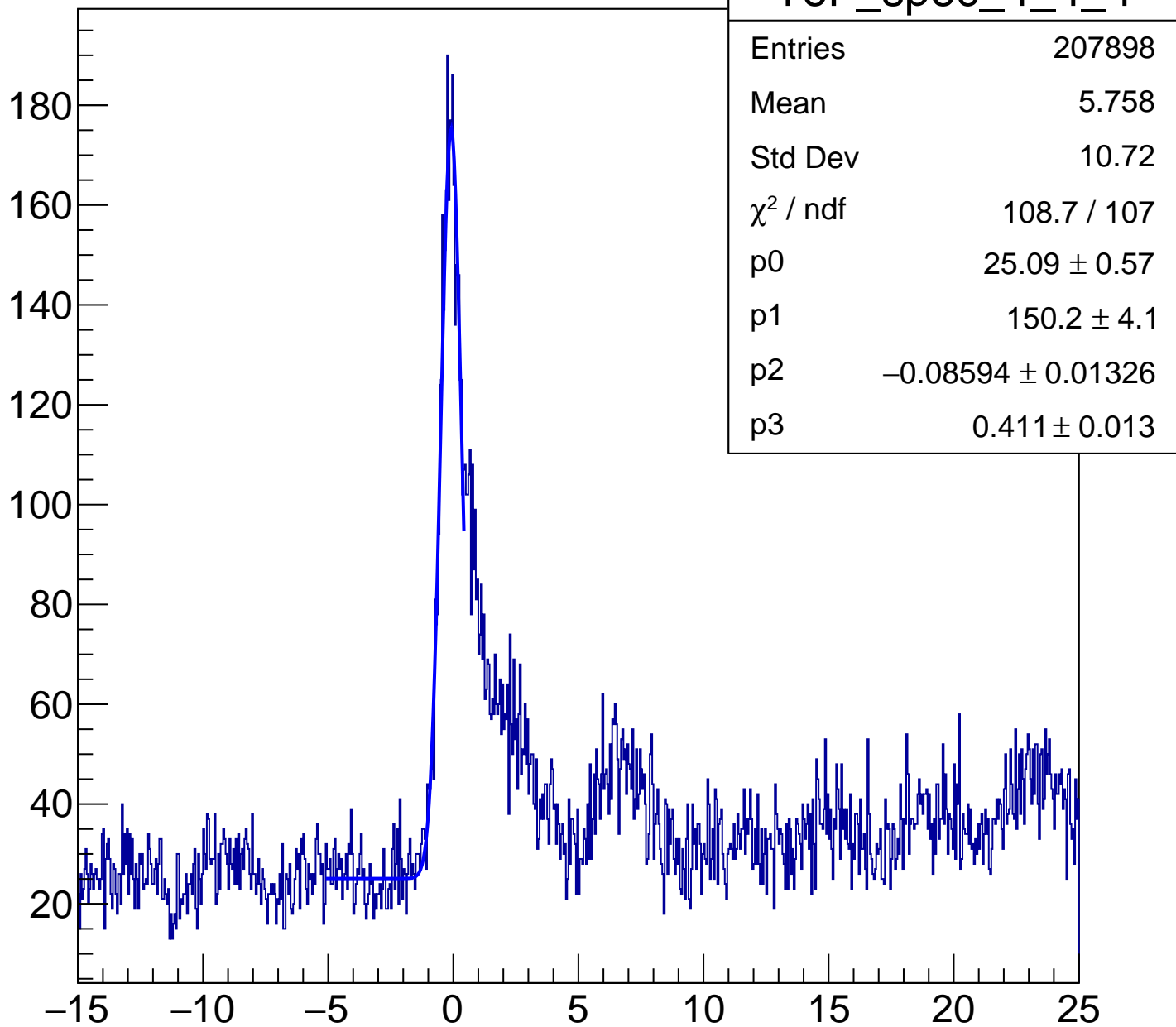
# ToF\_spec\_4\_4\_2



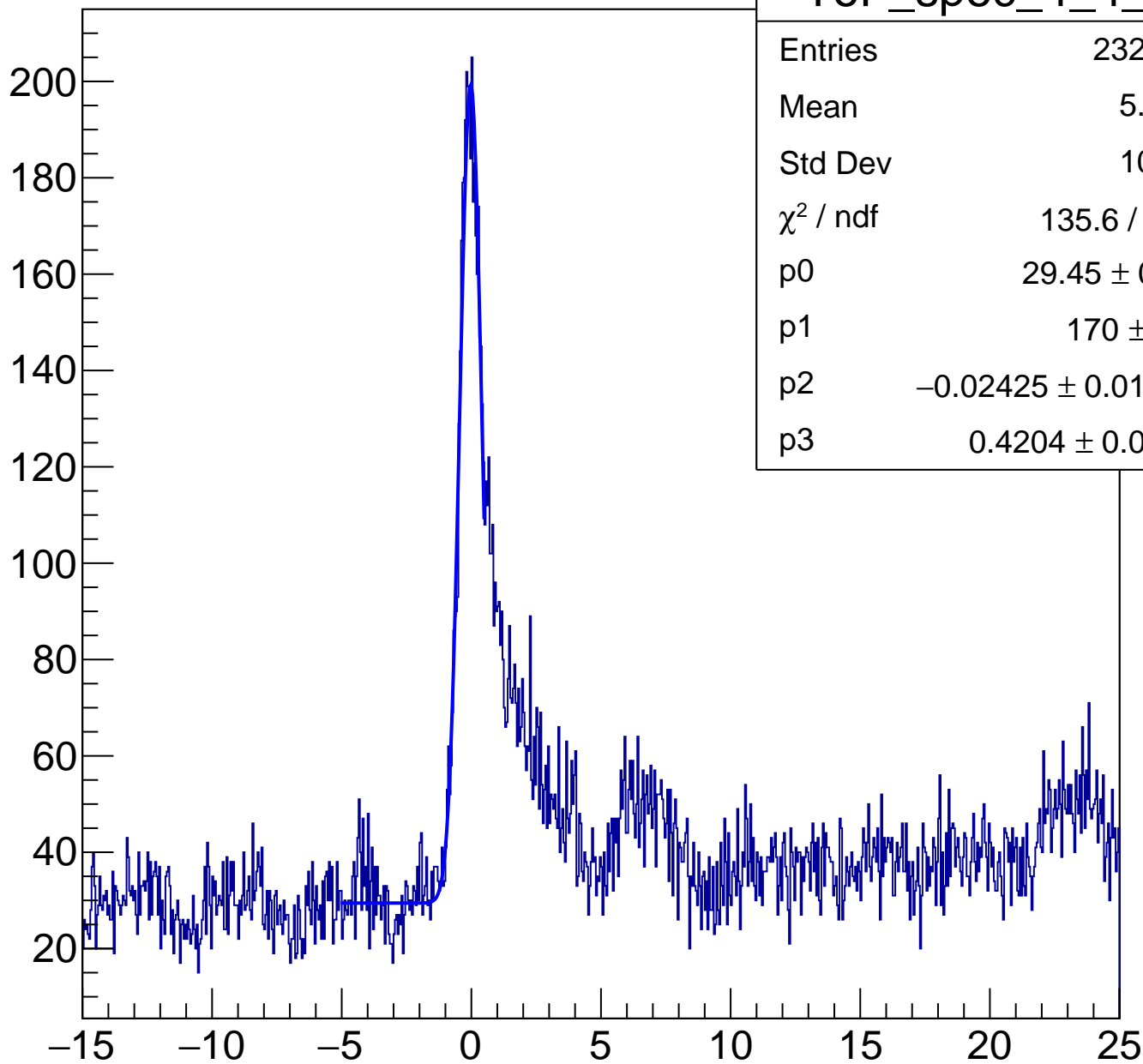
# ToF\_spec\_4\_4\_3



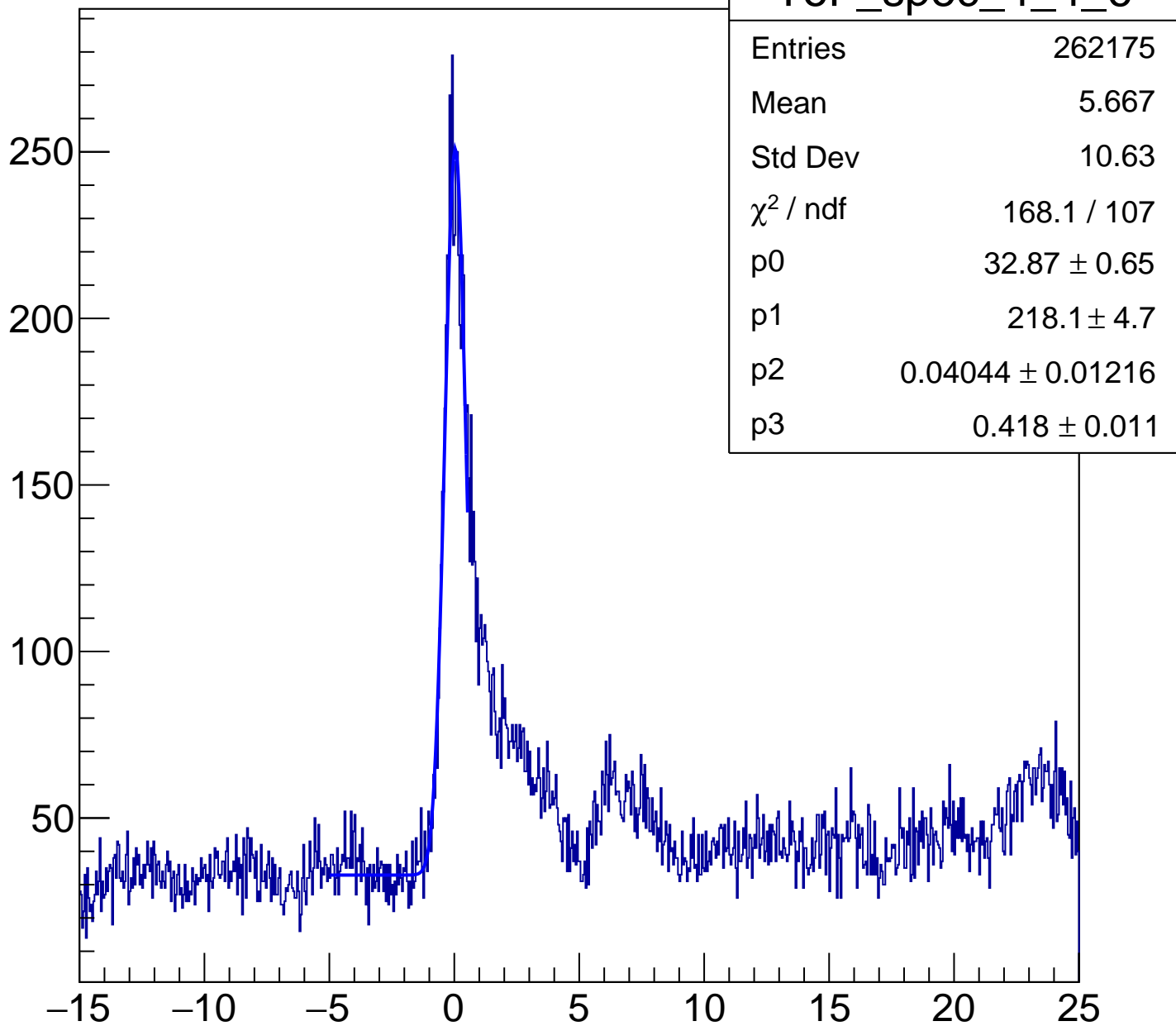
# ToF\_spec\_4\_4\_4



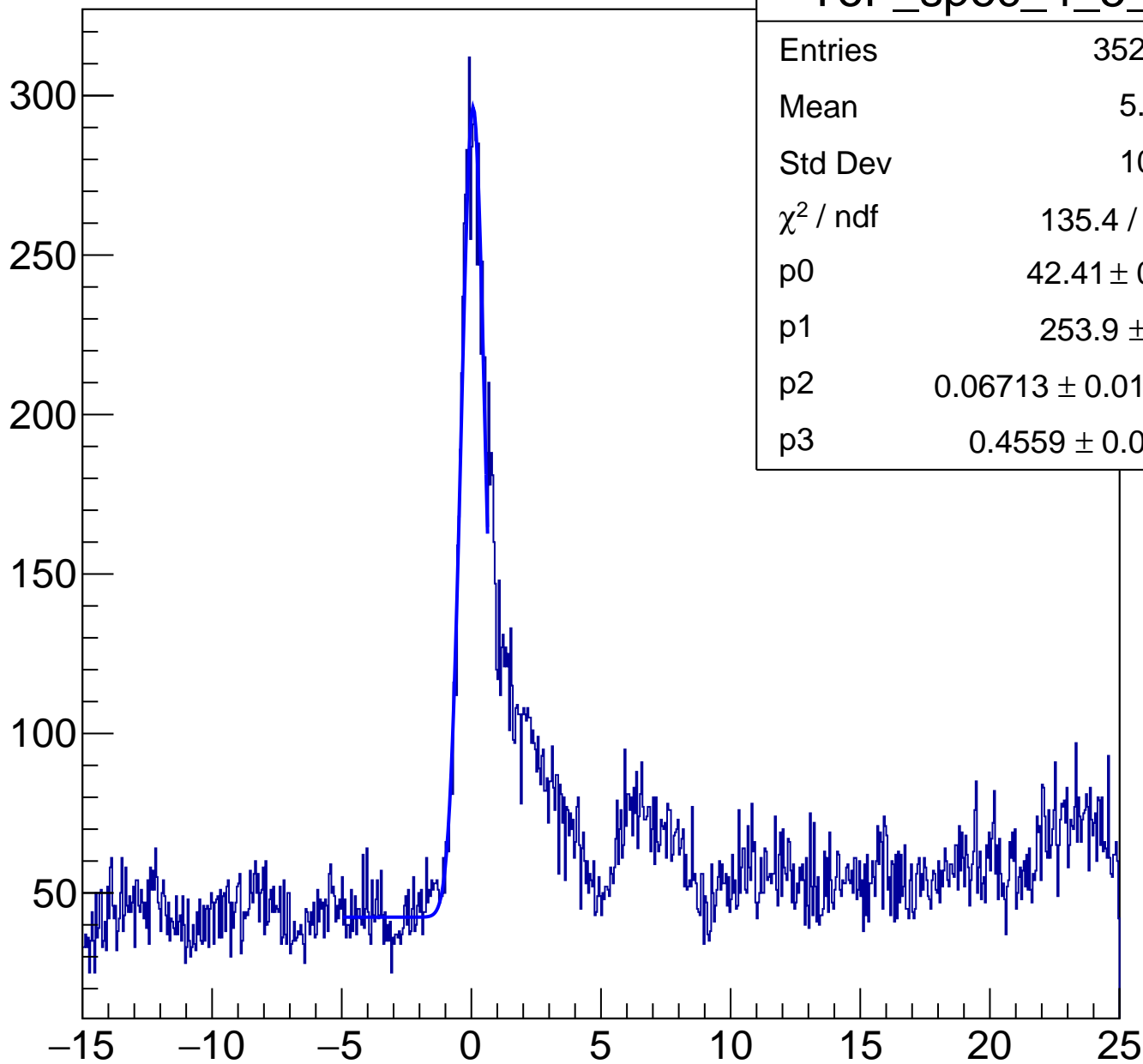
# ToF\_spec\_4\_4\_5



# ToF\_spec\_4\_4\_6

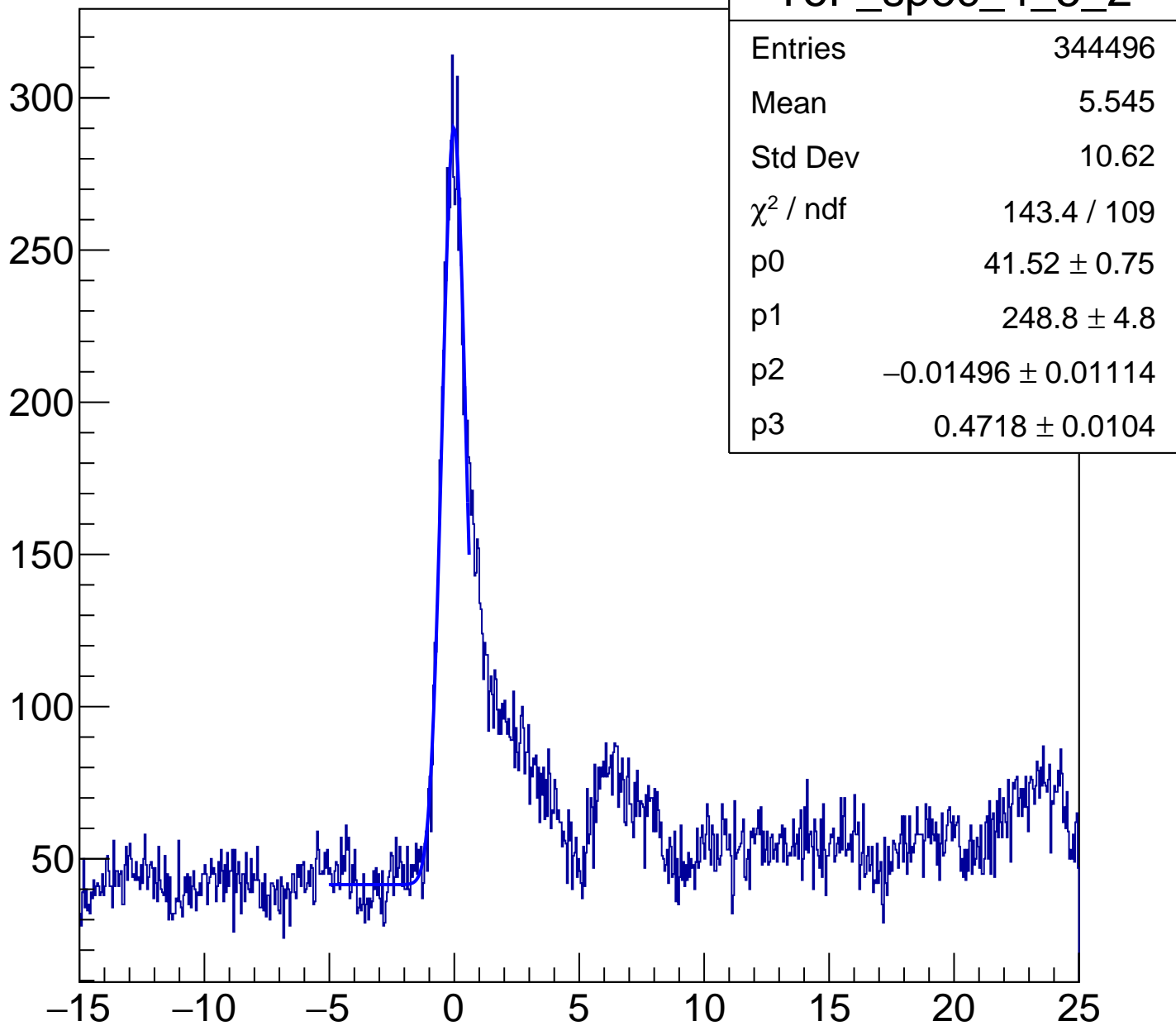


# ToF\_spec\_4\_5\_1

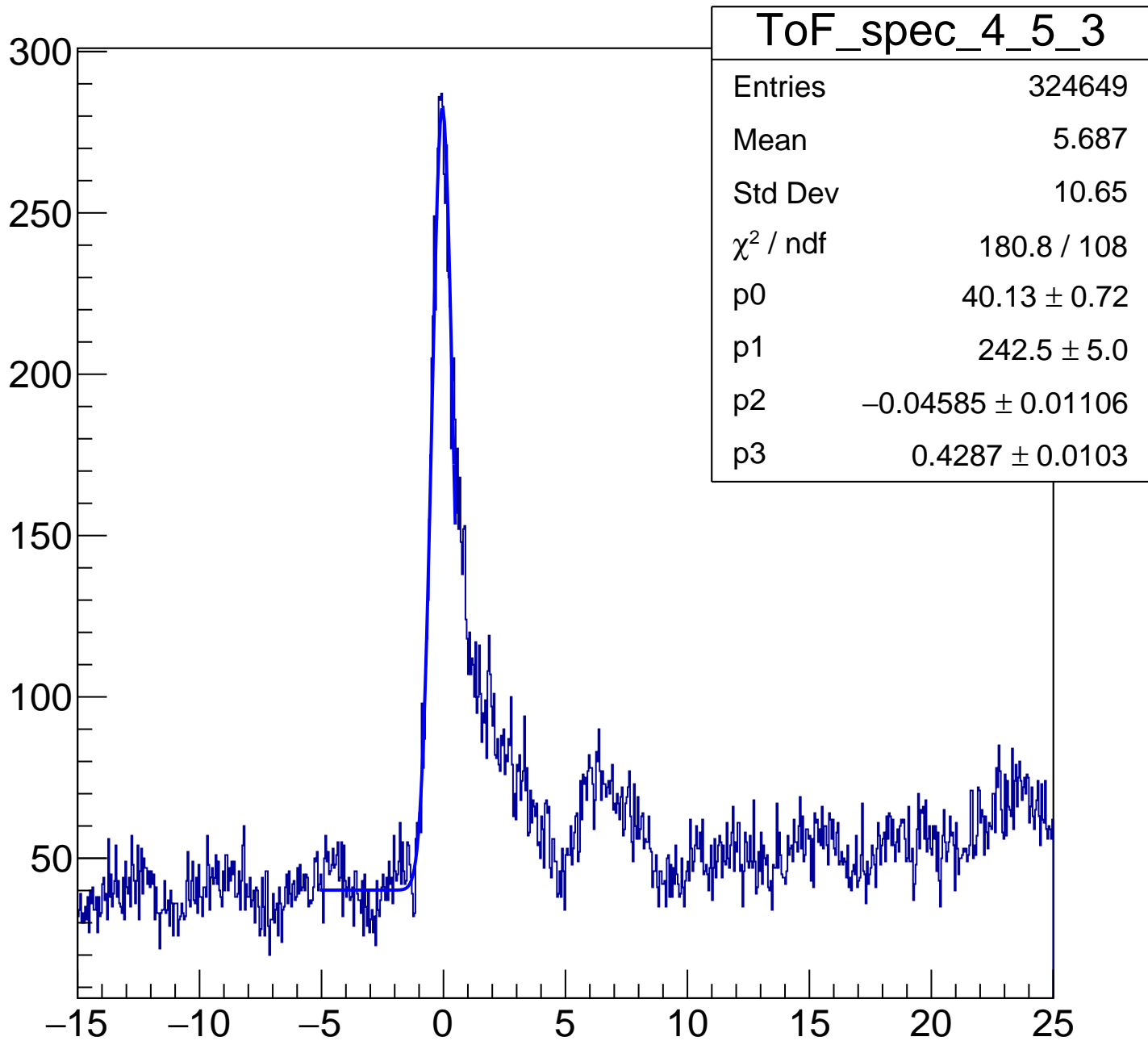




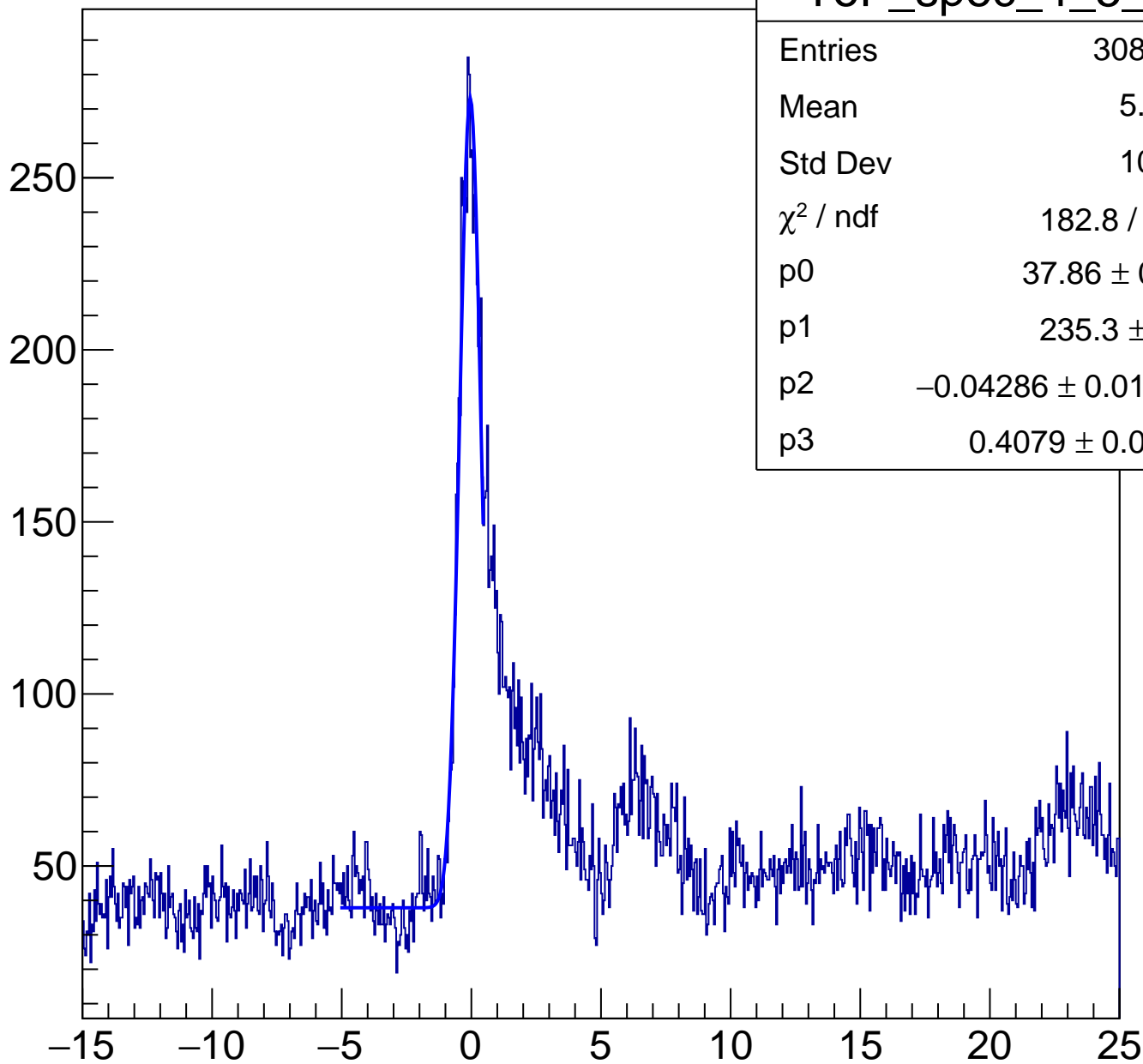
# ToF\_spec\_4\_5\_2



# ToF\_spec\_4\_5\_3



# ToF\_spec\_4\_5\_4



ToF\_spec\_4\_5\_4

Entries 308893

Mean 5.596

Std Dev 10.65

$\chi^2 / \text{ndf}$  182.8 / 108

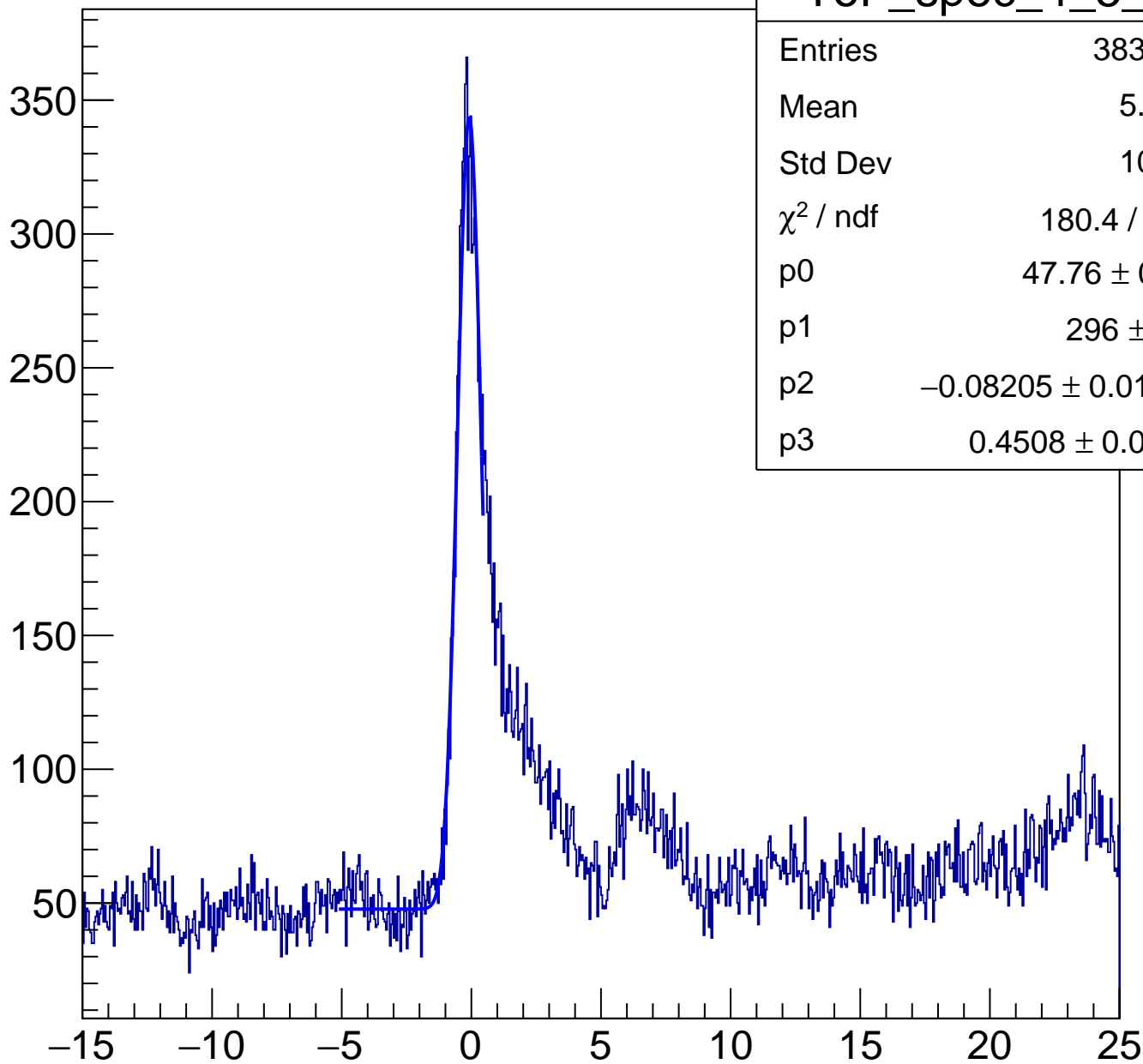
p0  $37.86 \pm 0.70$

p1  $235.3 \pm 5.0$

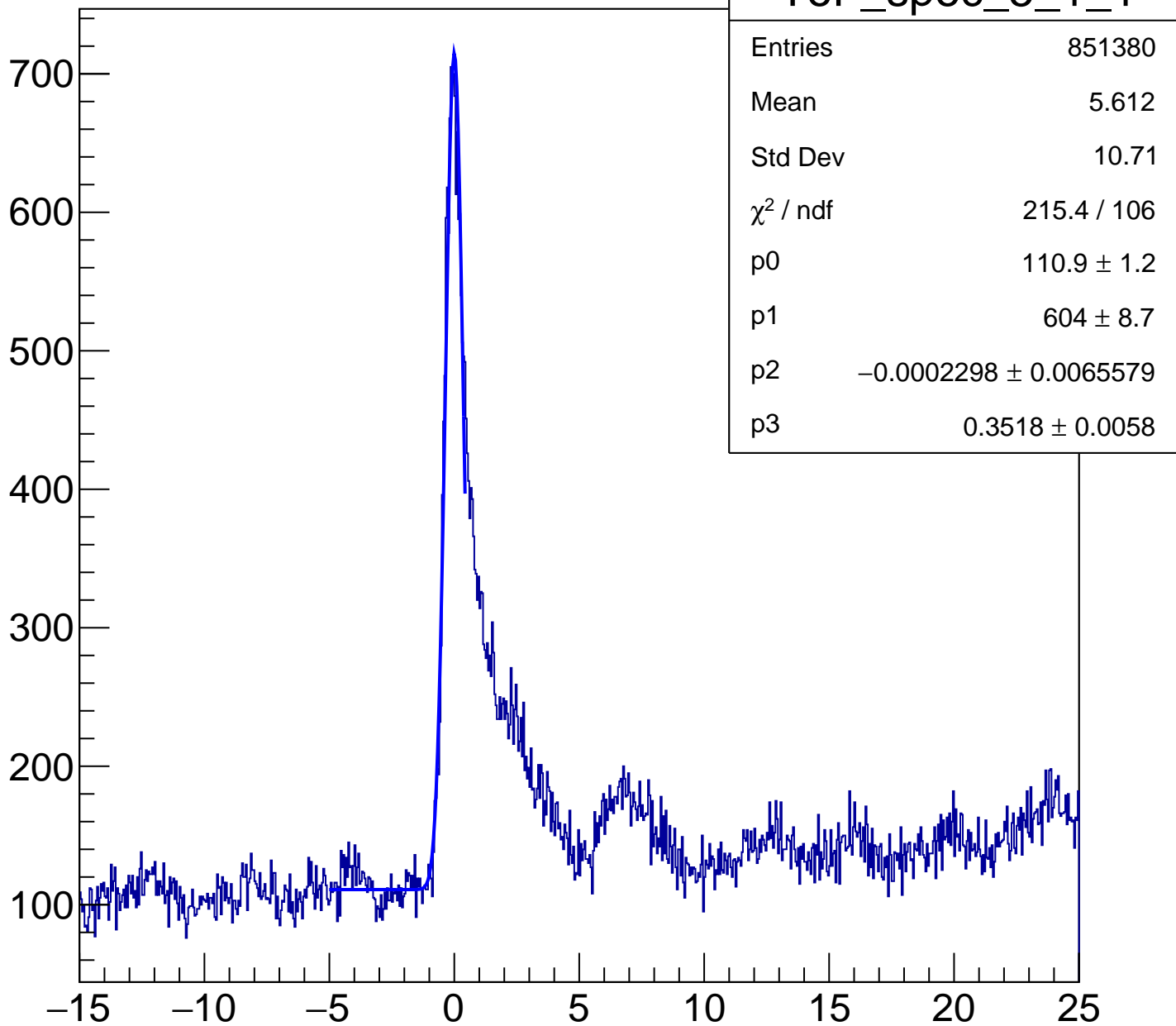
p2  $-0.04286 \pm 0.01048$

p3  $0.4079 \pm 0.0096$

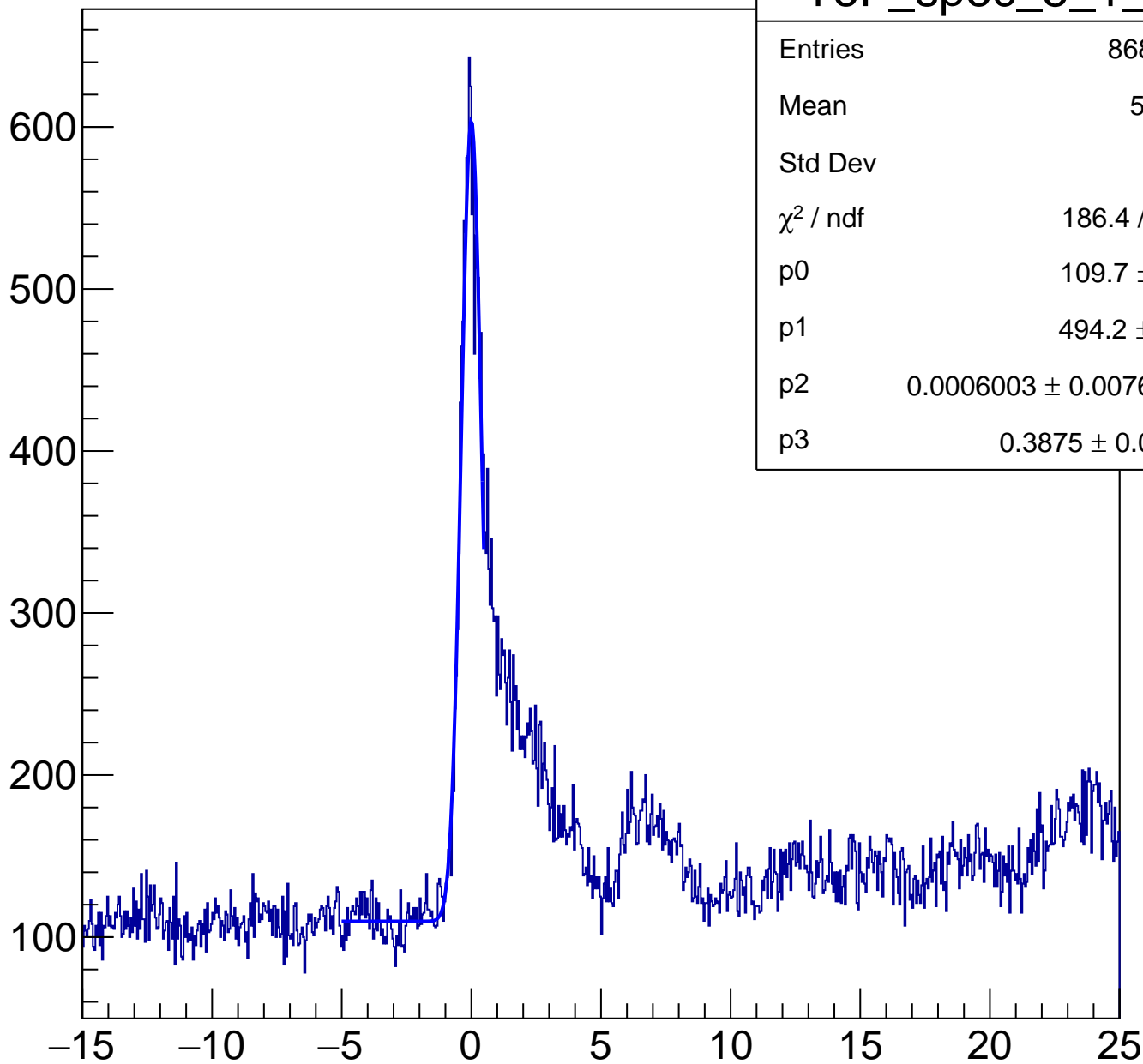
# ToF\_spec\_4\_5\_5



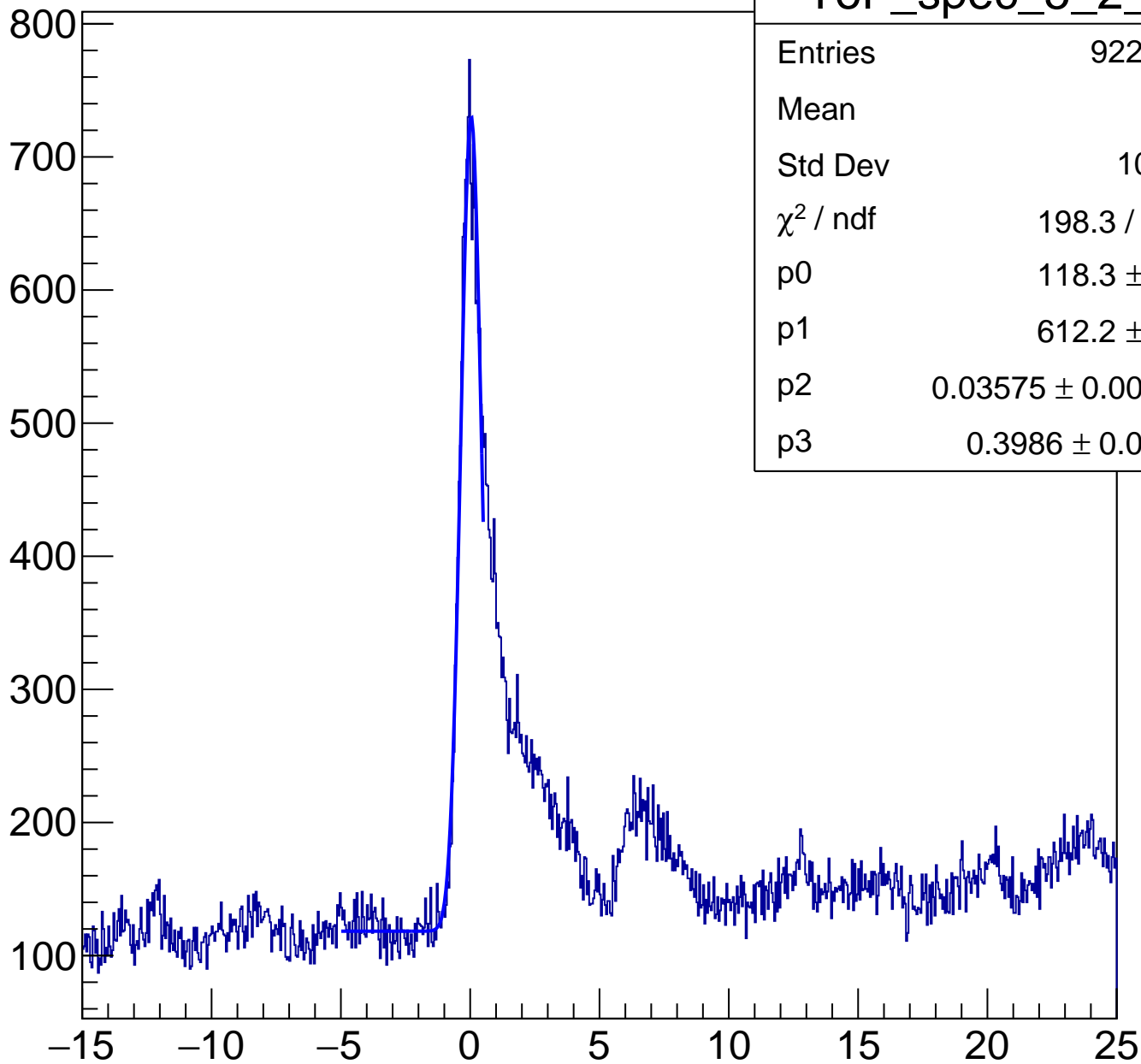
# ToF\_spec\_5\_1\_1



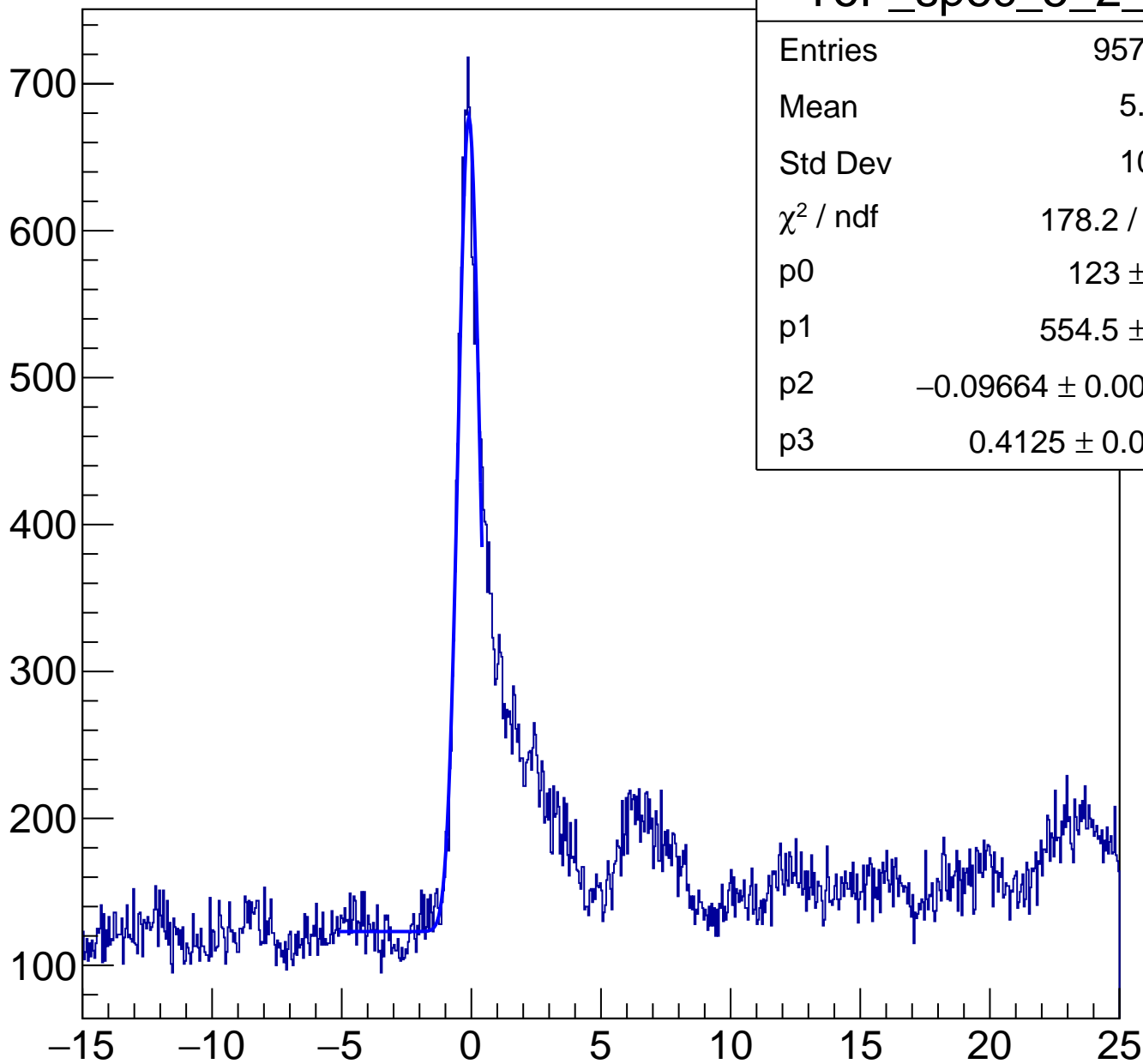
# ToF\_spec\_5\_1\_2



# ToF\_spec\_5\_2\_1



# ToF\_spec\_5\_2\_2



ToF\_spec\_5\_2\_2

Entries 957605

Mean 5.672

Std Dev 10.85

$\chi^2 / \text{ndf}$  178.2 / 108

p0  $123 \pm 1.3$

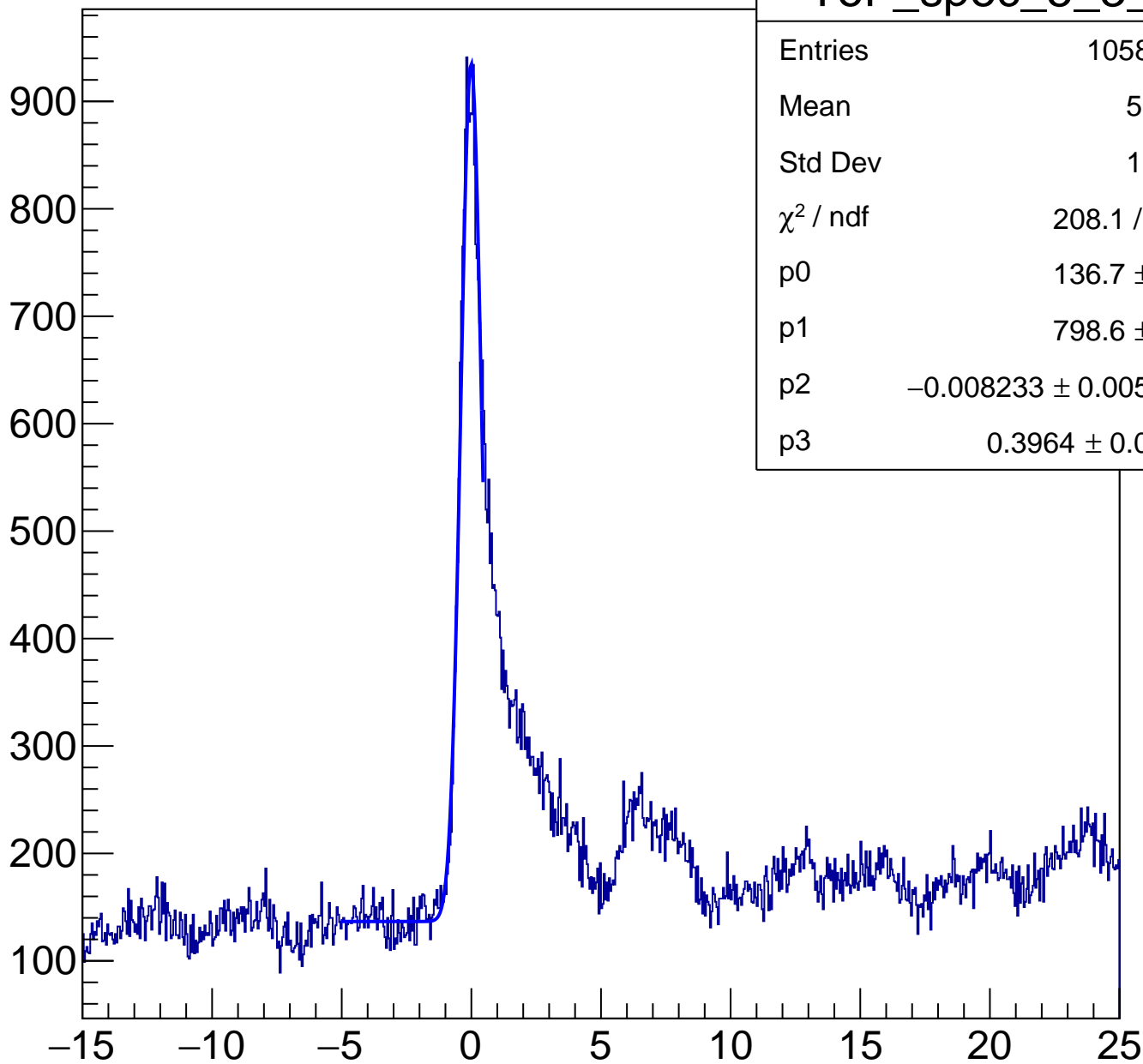
p1  $554.5 \pm 8.0$

p2  $-0.09664 \pm 0.00723$

p3  $0.4125 \pm 0.0070$



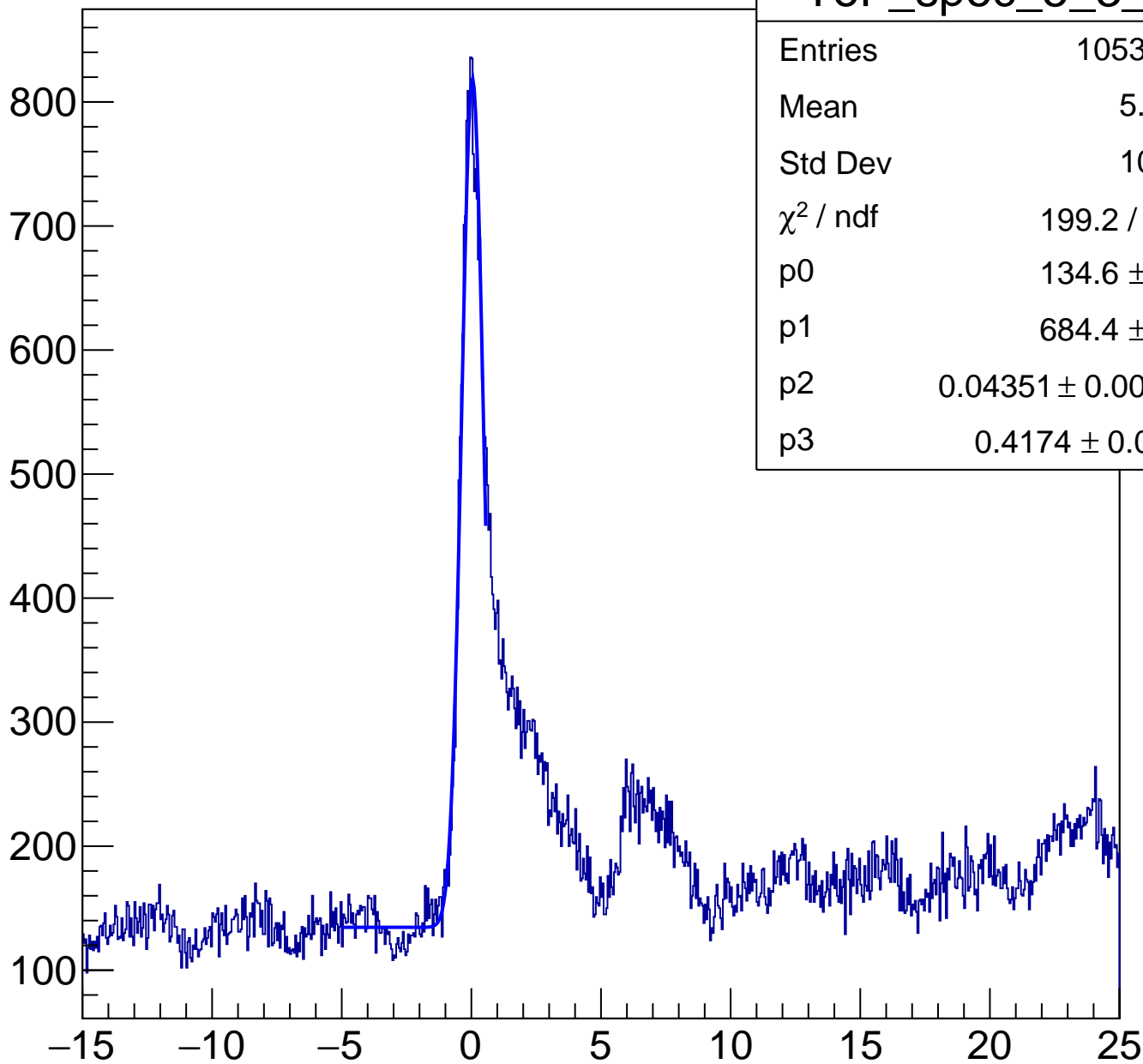
# ToF\_spec\_5\_3\_1



## ToF\_spec\_5\_3\_1

Entries	1058017
Mean	5.558
Std Dev	10.59
$\chi^2 / \text{ndf}$	208.1 / 107
p0	$136.7 \pm 1.3$
p1	$798.6 \pm 9.4$
p2	$-0.008233 \pm 0.005939$
p3	$0.3964 \pm 0.0054$

# ToF\_spec\_5\_3\_2



ToF\_spec\_5\_3\_2

Entries 1053446

Mean 5.678

Std Dev 10.74

$\chi^2 / \text{ndf}$  199.2 / 108

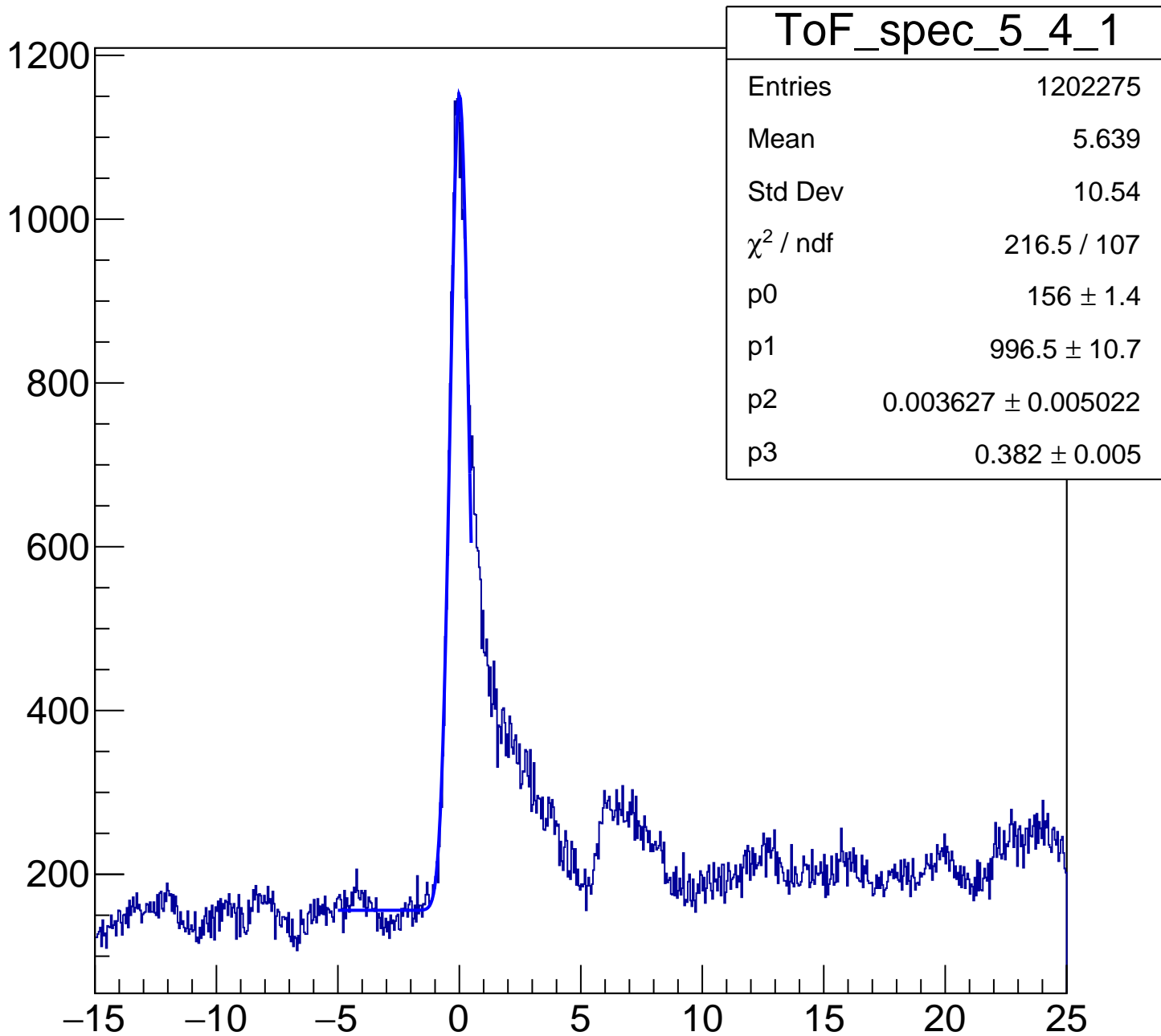
p0  $134.6 \pm 1.3$

p1  $684.4 \pm 8.7$

p2  $0.04351 \pm 0.00639$

p3  $0.4174 \pm 0.0061$

# ToF\_spec\_5\_4\_1



# ToF\_spec\_5\_4\_2

